

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054776.D
 Acq On : 07 Jul 2023 11:24
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Jul 08 07:55:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:50:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	118030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84011	4.817	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.907	69	70604	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	34006	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.628	46	201865	50.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	5.062	84	153644	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.698	65	79014	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	293544	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.689	67	91147	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	278970	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.177	79	39191	5.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.631	63	148484	51.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72912	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	103286	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89255	4.973	ug/L	100
3) Chloromethane	1.518	50	96237	4.801	ug/L	98
5) Vinyl chloride	1.602	62	98048	5.032	ug/L	97
6) Bromomethane	1.853	94	59327	5.011	ug/L	100
8) Chloroethane	1.927	64	54062	4.850	ug/L	98
9) Trichlorofluoromethane	2.132	101	127651	5.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64400	5.077	ug/L	96
12) 1,1-Dichloroethene	2.576	96	59741	5.053	ug/L	80
13) Acetone	2.637	43	106626	51.524	ug/L	99
14) Carbon disulfide	2.788	76	196786	4.943	ug/L	100
15) Methyl Acetate	2.952	43	25197	4.923	ug/L	98
16) Methylene chloride	3.042	84	68519	3.916	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	140627	5.041	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	59621	4.897	ug/L	98
19) 1,1-Dichloroethane	3.866	63	115081	4.876	ug/L	95
21) 2-Butanone	4.708	43	164524	52.756	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	66357	5.006	ug/L	98
23) Bromochloromethane	4.972	128	30911	5.243	ug/L	97
25) Chloroform	5.084	83	119326	4.824	ug/L	97

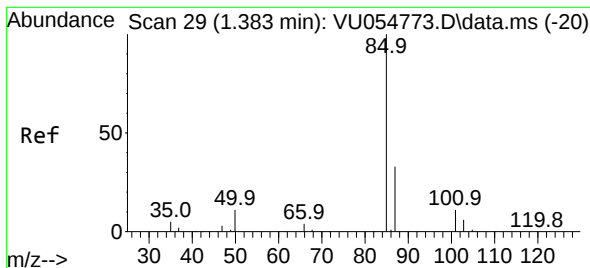
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 Data File : VU054776.D
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VICV042

Quant Time: Jul 08 07:55:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:50:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	78071	4.886	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	109102	5.046	ug/L	98
30) Cyclohexane	5.383	56	99988	5.198	ug/L	99
31) Carbon tetrachloride	5.518	117	94168	4.852	ug/L	100
33) Benzene	5.769	78	256756	5.090	ug/L	100
34) Trichloroethene	6.541	95	68051	4.819	ug/L	99
35) Methylcyclohexane	6.759	83	97176	4.921	ug/L	98
37) 1,2-Dichloropropane	6.788	63	66553	5.027	ug/L	98
38) Bromodichloromethane	7.103	83	86913	5.110	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	103238	5.213	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	383651	51.704	ug/L	100
42) Toluene	7.968	91	277999	5.199	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	85569	4.998	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	47862	5.048	ug/L	97
47) Tetrachloroethene	8.550	164	54863	4.797	ug/L	95
48) 2-Hexanone	8.682	43	296738	55.536	ug/L	99
49) Dibromochloromethane	8.807	129	55011	4.985	ug/L	98
50) 1,2-Dibromoethane	8.920	107	45533	5.033	ug/L	99
51) Chlorobenzene	9.444	112	173366	5.062	ug/L	97
52) Ethylbenzene	9.569	91	291640	5.095	ug/L	99
53) m,p-Xylene	9.692	106	110832	5.069	ug/L	96
54) o-Xylene	10.097	106	106768	5.228	ug/L	96
55) Styrene	10.113	104	181811	5.265	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	59276	5.128	ug/L	98
59) Bromoform	10.290	173	34239	4.959	ug/L	97
60) Isopropylbenzene	10.483	105	293809	5.365	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	41957	4.878	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	237219	5.221	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	230618	5.312	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	141918	5.146	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	143368	5.219	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	131894	5.203	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	9752	4.659	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	108015	5.240	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	95601	5.772	ug/L	99
71) Naphthalene	14.084	128	169809	6.492	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	86764	5.859	ug/L	99

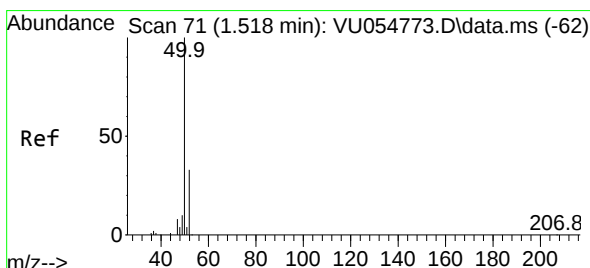
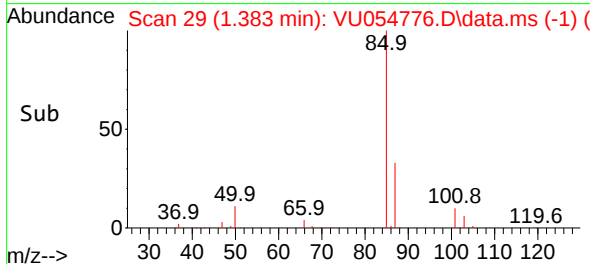
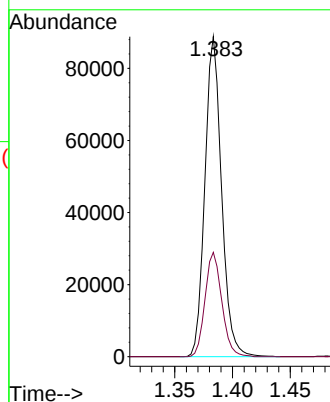
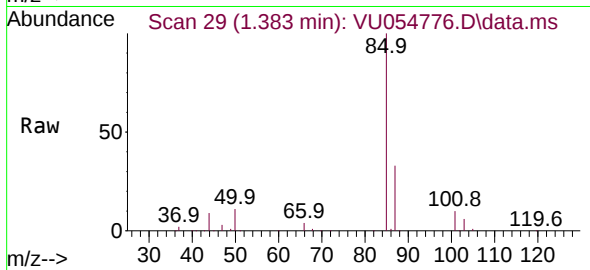
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.973 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU054776.D
 Acq: 07 Jul 2023 11:24

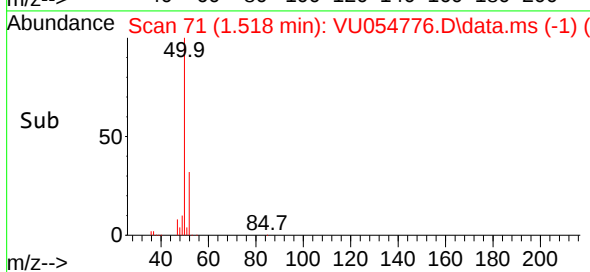
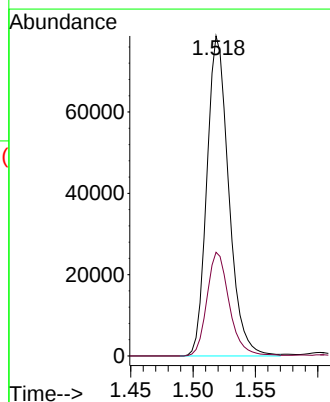
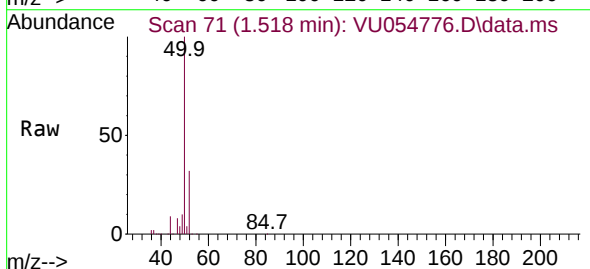
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 MSVOA_U
 ClientSampleId :
 VICV042

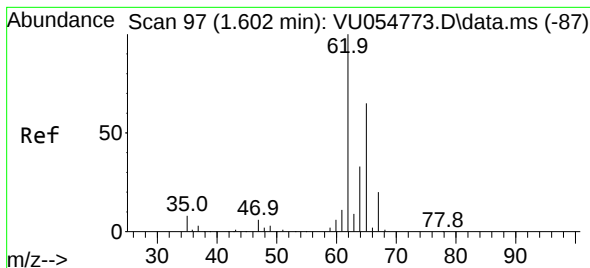
Tgt Ion: 85 Resp: 89255
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 4.801 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054776.D
 Acq: 07 Jul 2023 11:24

Tgt Ion: 50 Resp: 96237
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.6





#5

Vinyl chloride

Concen: 5.032 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

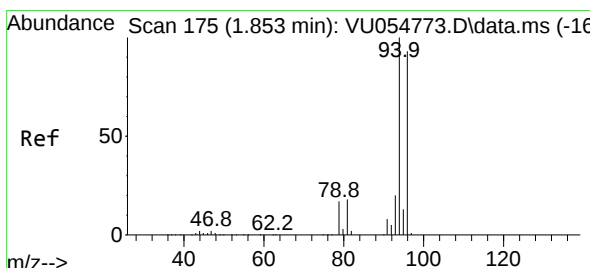
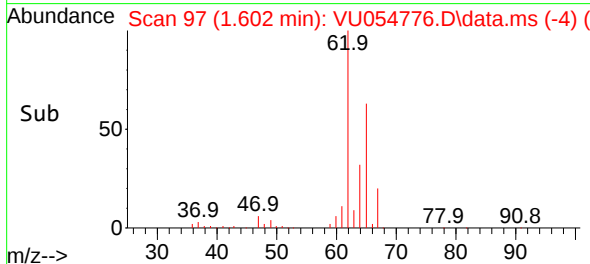
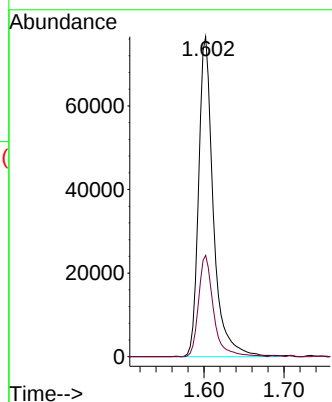
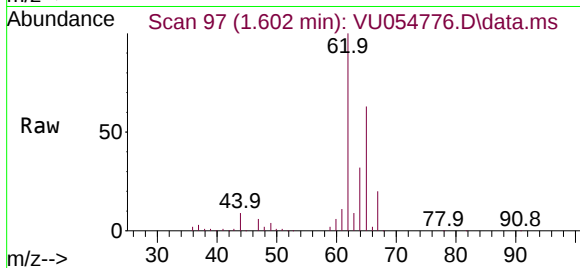
VICV042

Tgt Ion: 62 Resp: 98048

Ion Ratio Lower Upper

62 100

64 31.7 23.2 43.0



#6

Bromomethane

Concen: 5.011 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU054776.D

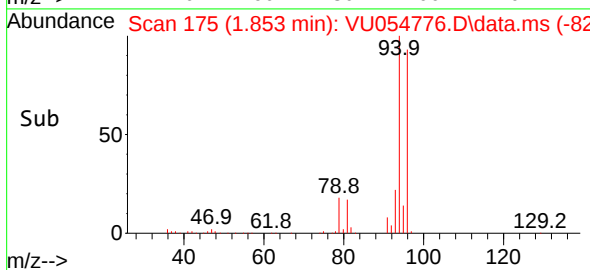
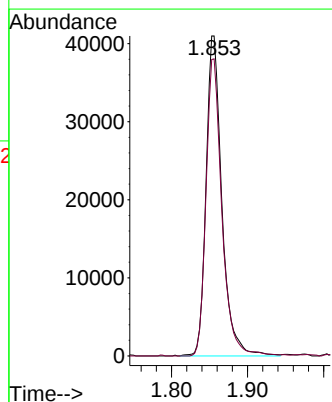
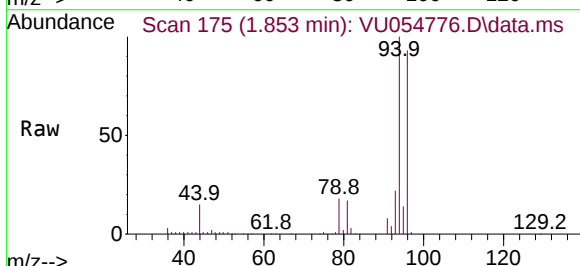
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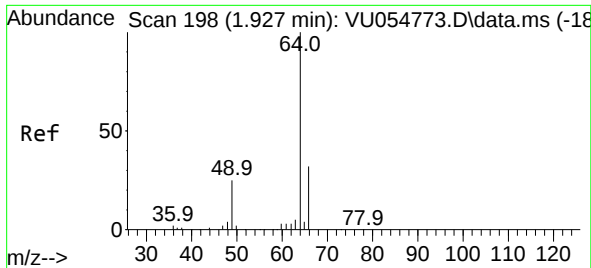
Tgt Ion: 94 Resp: 59327

Ion Ratio Lower Upper

94 100

96 92.7 65.0 120.6

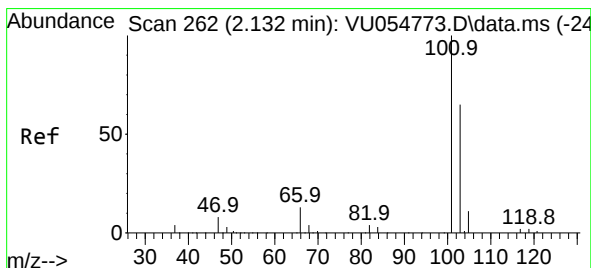
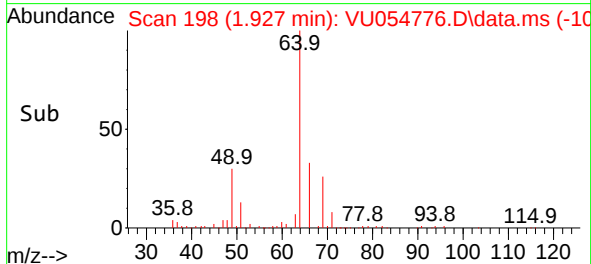
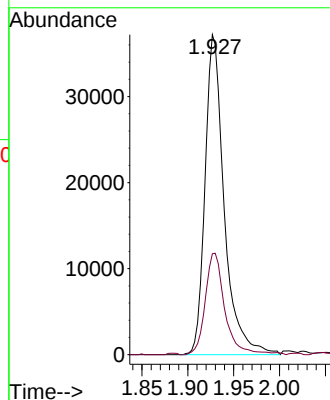
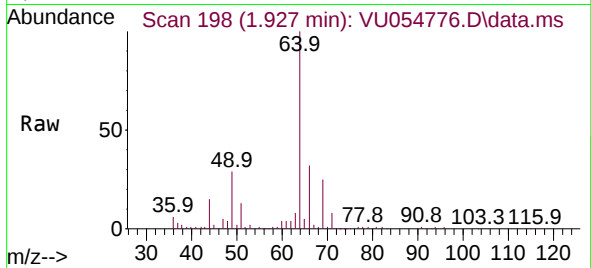




#8
Chloroethane
Concen: 4.850 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

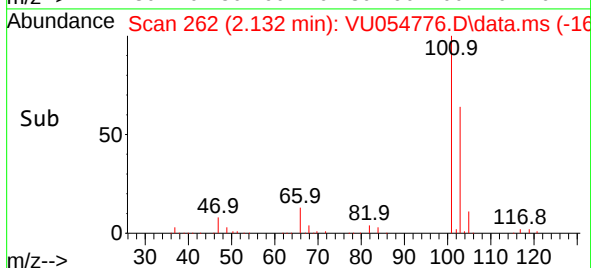
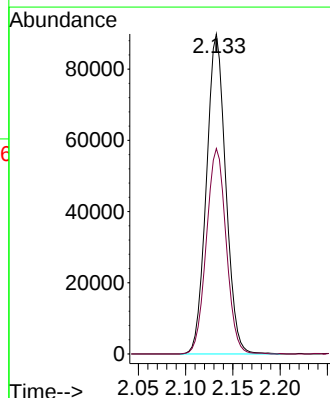
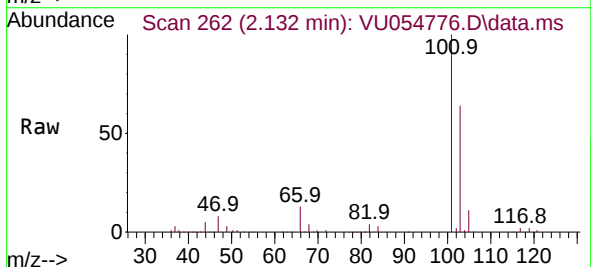
Instrument :
MSVOA_U
ClientSampleId :
VICV042

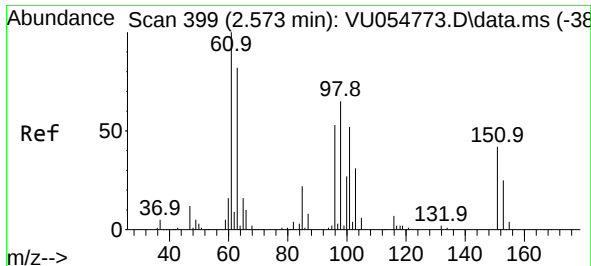
Tgt Ion: 64 Resp: 54062
Ion Ratio Lower Upper
64 100
66 31.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.028 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 101 Resp: 127651
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

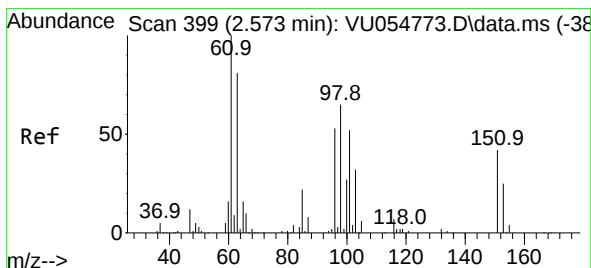
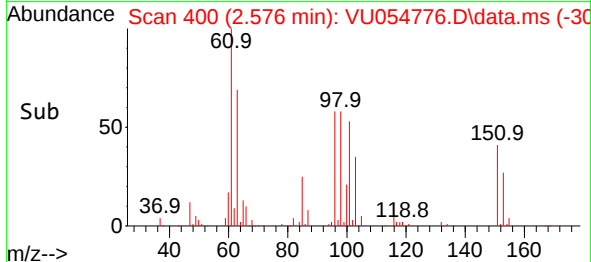
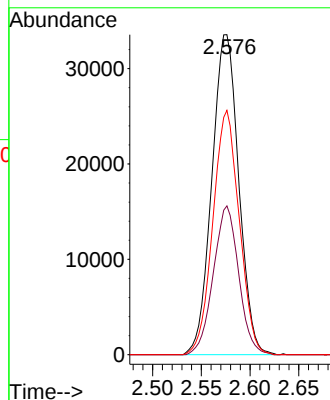
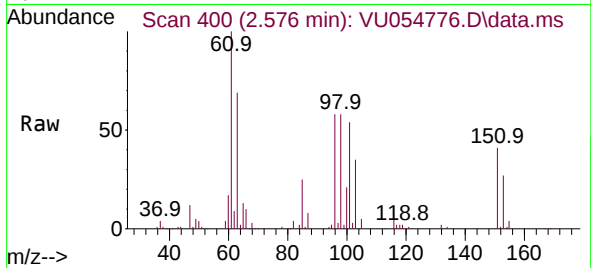




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.077 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

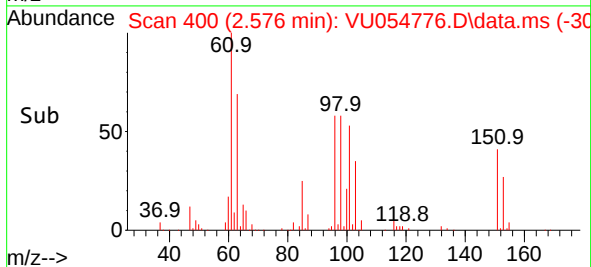
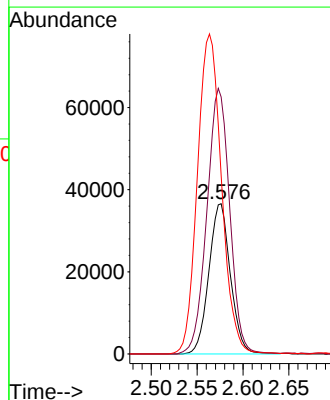
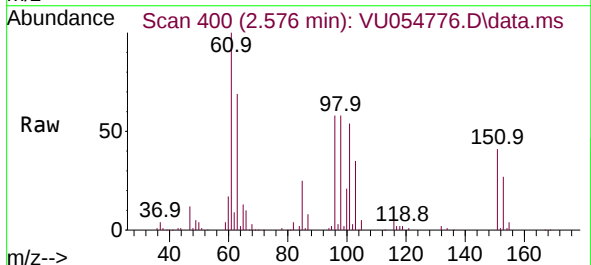
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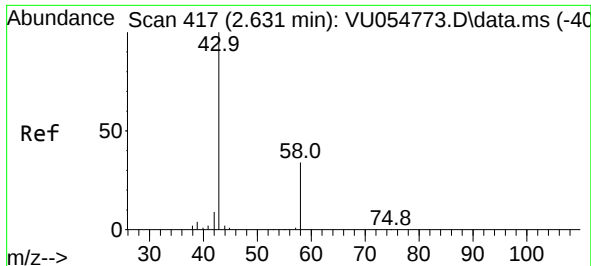
Tgt Ion:101 Resp: 64400
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 74.8 63.5 95.3



#12
1,1-Dichloroethene
Concen: 5.053 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 96 Resp: 59741
Ion Ratio Lower Upper
96 100
61 171.0 131.8 244.8
63 118.8 109.8 204.0





#13

Acetone

Concen: 51.524 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.007 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

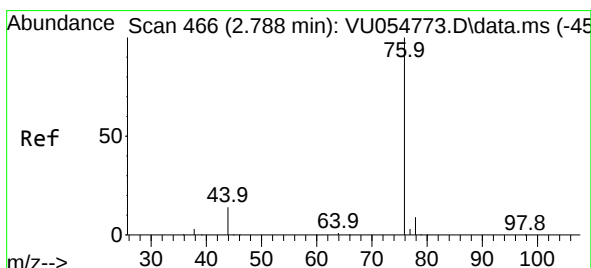
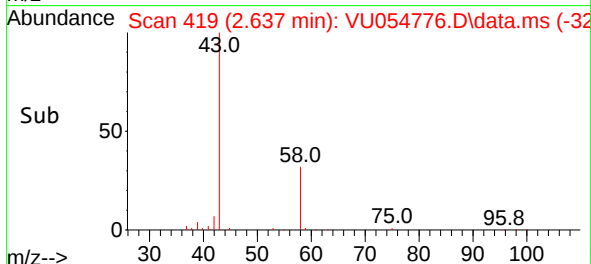
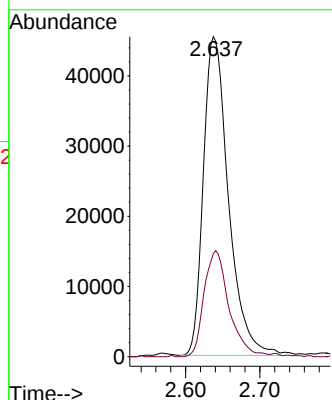
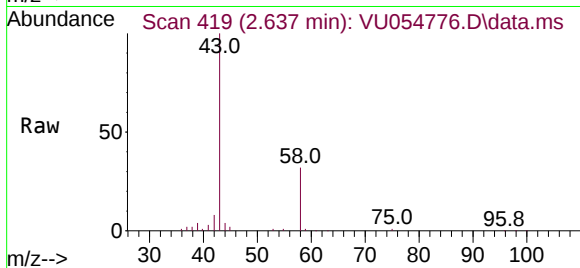
VICV042

Tgt Ion: 43 Resp: 106626

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0



#14

Carbon disulfide

Concen: 4.943 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054776.D

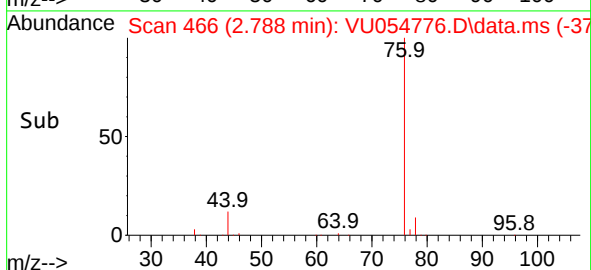
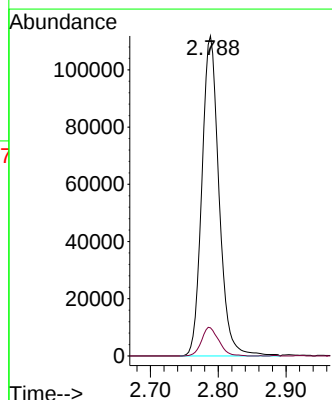
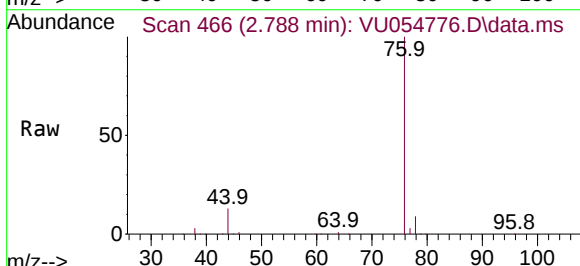
Acq: 07 Jul 2023 11:24

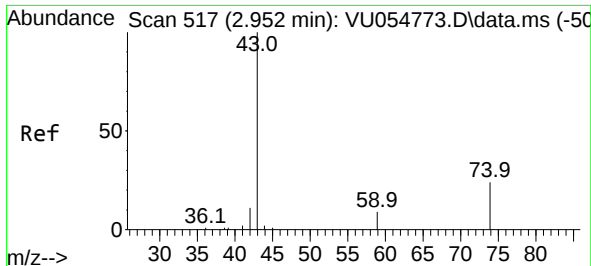
Tgt Ion: 76 Resp: 196786

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

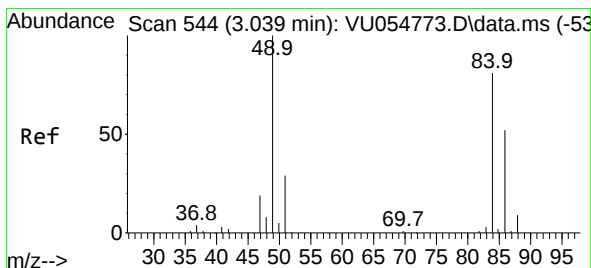
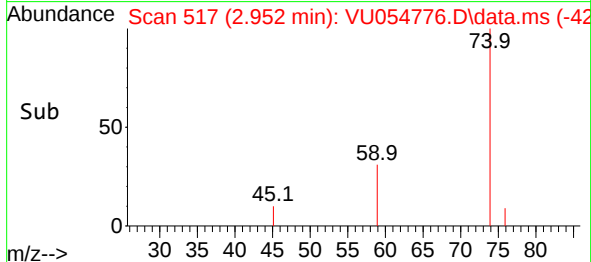
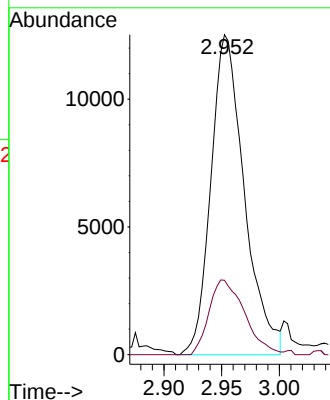
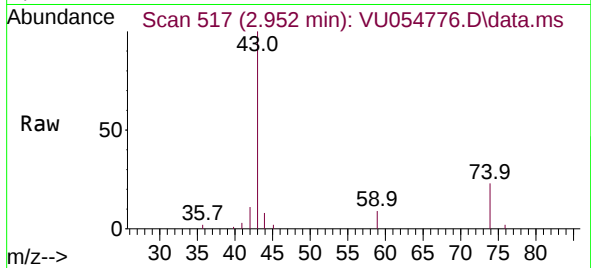




#15
Methyl Acetate
Concen: 4.923 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

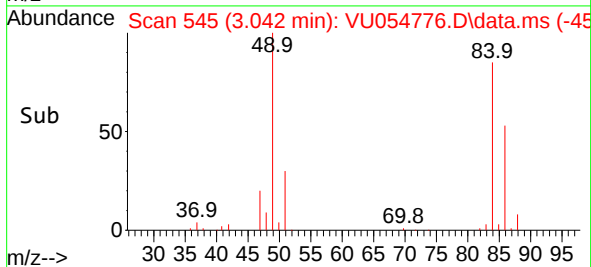
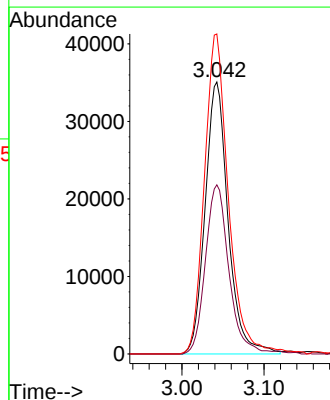
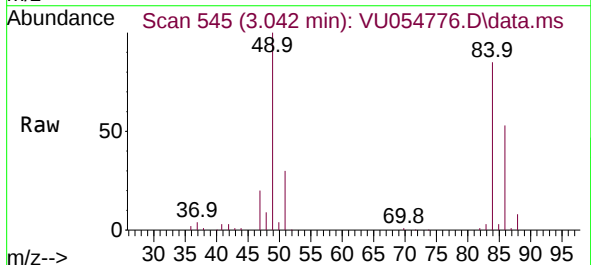
Instrument :
MSVOA_U
ClientSampleId :
VICV042

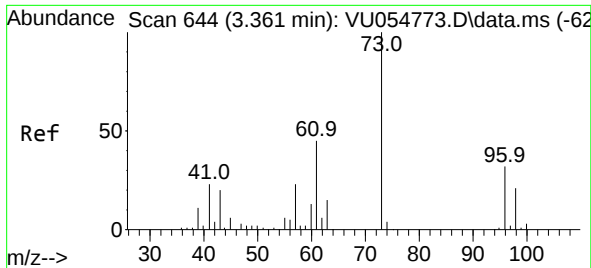
Tgt Ion: 43 Resp: 25197
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



#16
Methylene chloride
Concen: 3.916 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 84 Resp: 68519
Ion Ratio Lower Upper
84 100
86 62.2 45.3 84.1
49 117.6 86.7 160.9

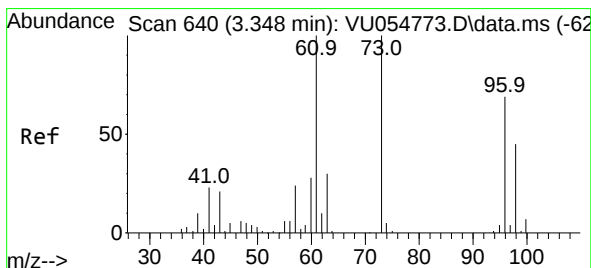
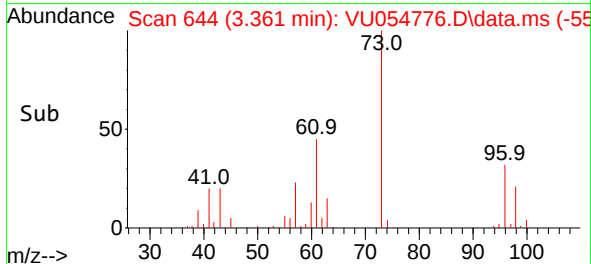
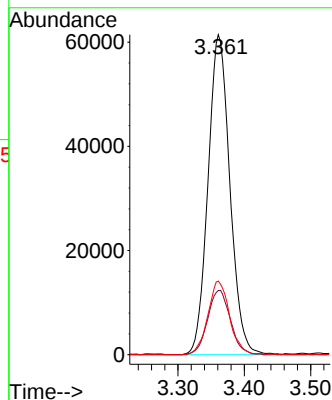
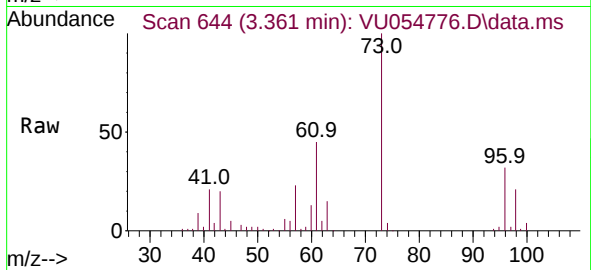




#17
Methyl tert-butyl Ether
Concen: 5.041 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

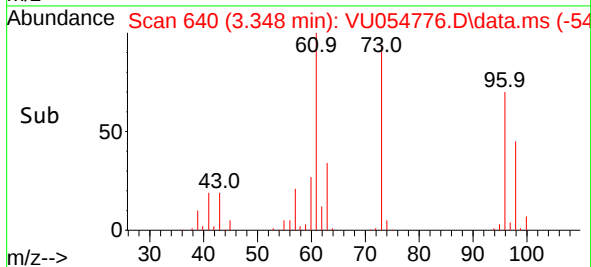
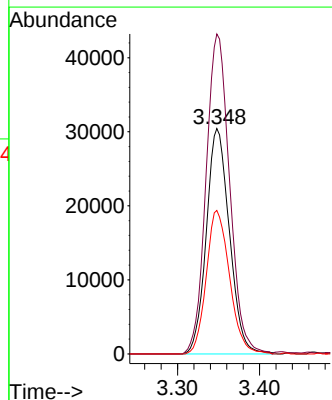
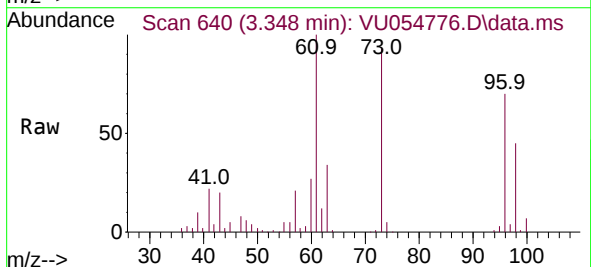
Instrument :
MSVOA_U
ClientSampleId :
VICV042

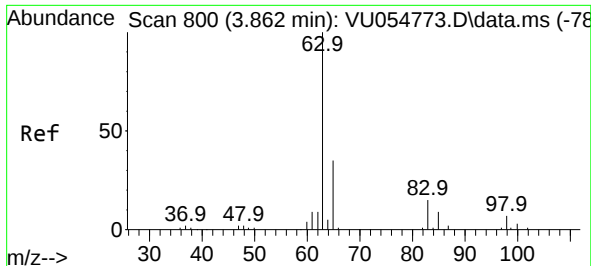
Tgt Ion: 73 Resp: 140627
Ion Ratio Lower Upper
73 100
43 20.9 16.9 25.3
57 22.8 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 4.897 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 96 Resp: 59621
Ion Ratio Lower Upper
96 100
61 141.9 101.6 188.6
98 63.7 45.6 84.6





#19

1,1-Dichloroethane

Concen: 4.876 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

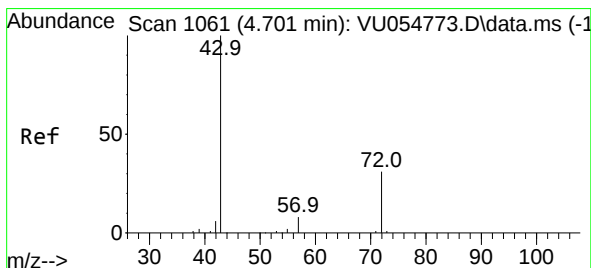
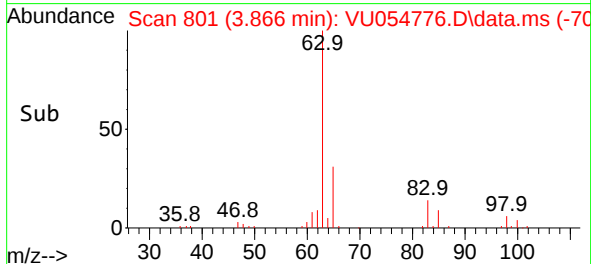
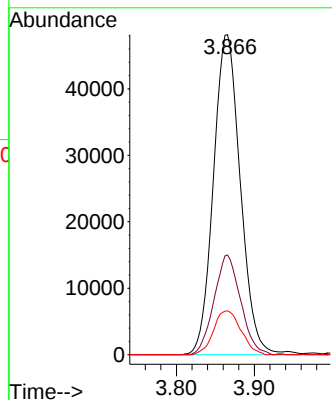
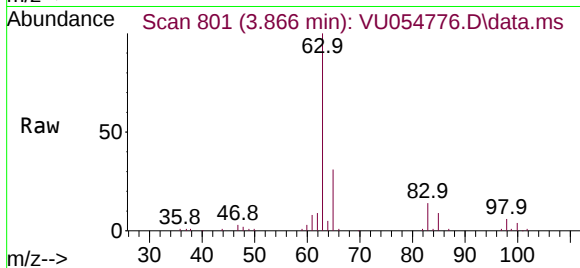
Tgt Ion: 63 Resp: 115081

Ion Ratio Lower Upper

63 100

65 31.1 24.2 45.0

83 13.7 10.4 19.2



#21

2-Butanone

Concen: 52.756 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VU054776.D

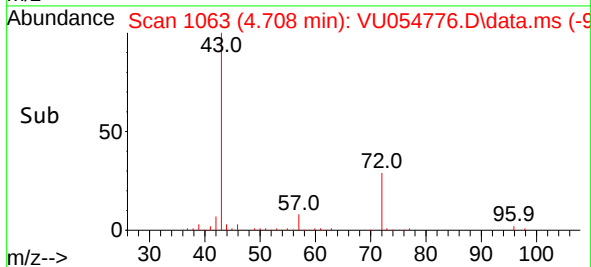
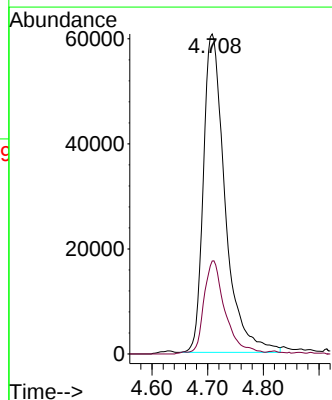
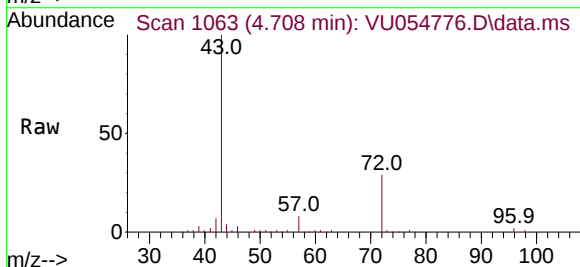
Acq: 07 Jul 2023 11:24

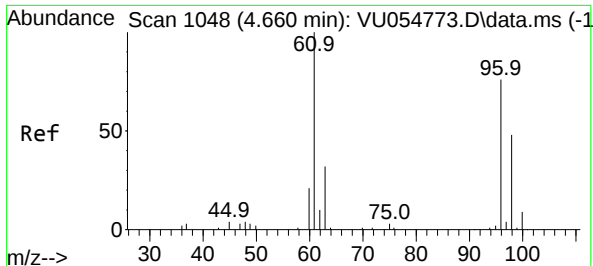
Tgt Ion: 43 Resp: 164524

Ion Ratio Lower Upper

43 100

72 28.7 14.4 43.4

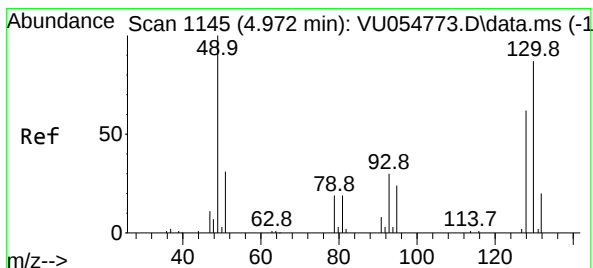
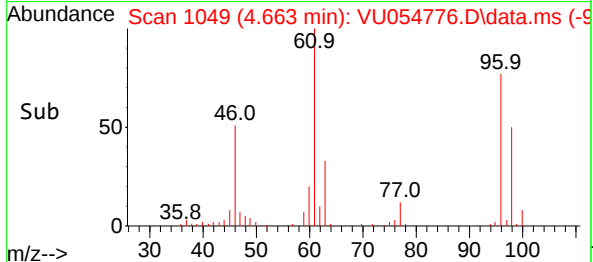
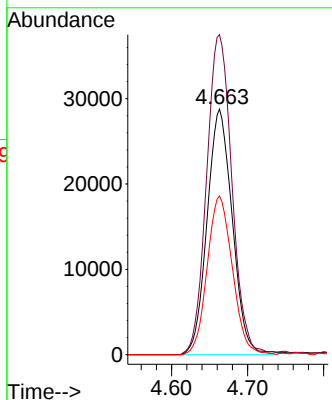
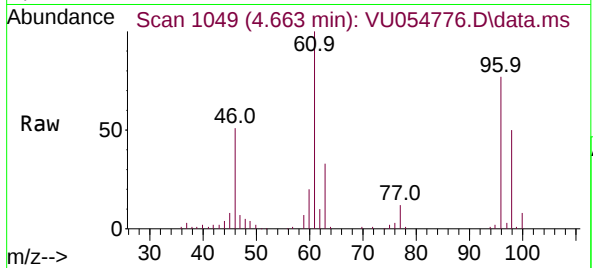




#22
 cis-1,2-Dichloroethene
 Concen: 5.006 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU054776.D
 Acq: 07 Jul 2023 11:24

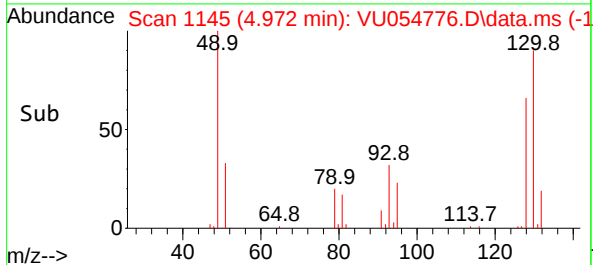
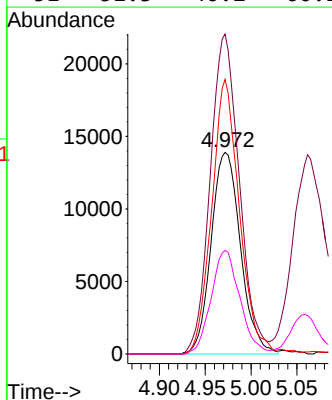
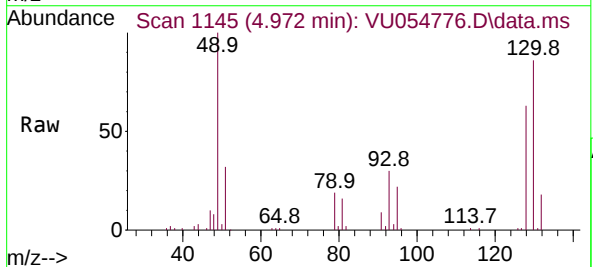
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

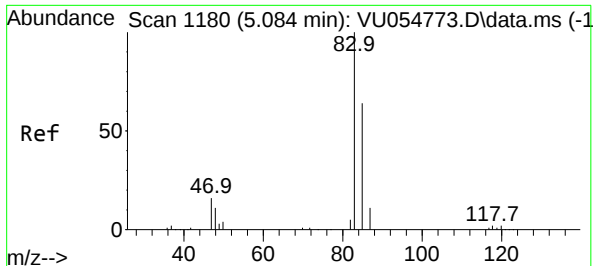
Tgt Ion: 96 Resp: 66357
 Ion Ratio Lower Upper
 96 100
 61 130.3 93.0 172.8
 98 64.7 44.0 81.8



#23
 Bromochloromethane
 Concen: 5.243 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU054776.D
 Acq: 07 Jul 2023 11:24

Tgt Ion: 128 Resp: 30911
 Ion Ratio Lower Upper
 128 100
 49 158.7 113.5 210.7
 130 136.2 98.0 182.0
 51 51.3 40.2 60.2





#25

Chloroform

Concen: 4.824 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

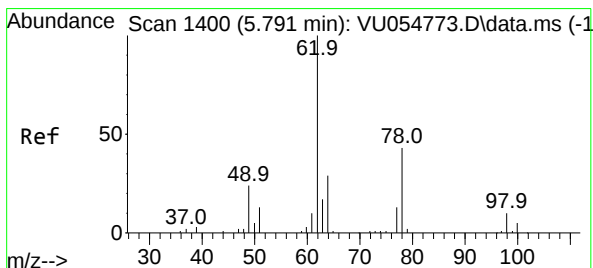
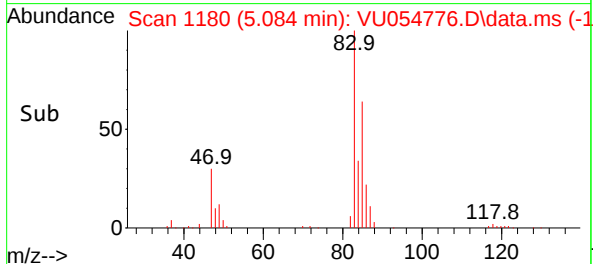
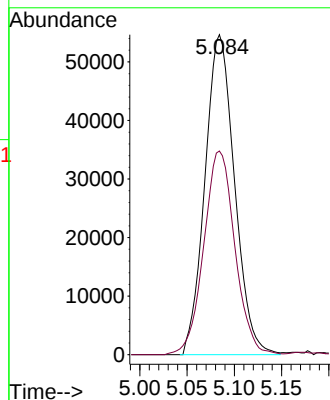
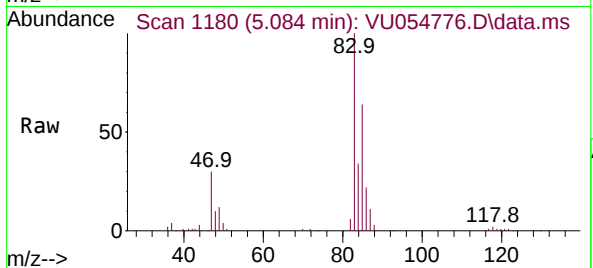
VICV042

Tgt Ion: 83 Resp: 119326

Ion Ratio Lower Upper

83 100

85 63.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.886 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU054776.D

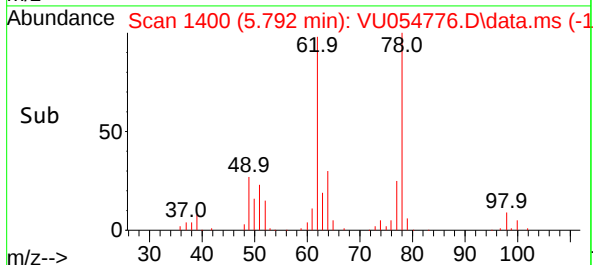
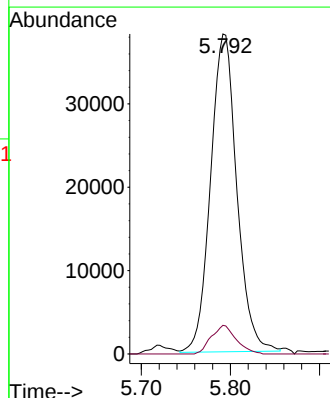
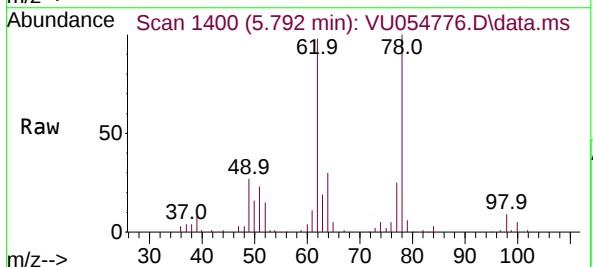
Acq: 07 Jul 2023 11:24

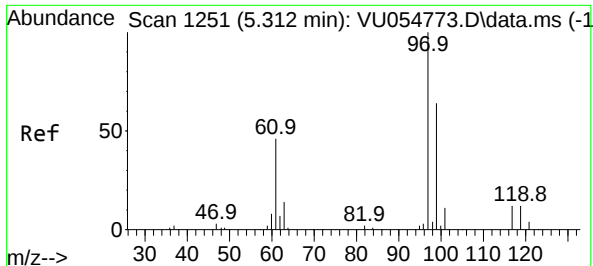
Tgt Ion: 62 Resp: 78071

Ion Ratio Lower Upper

62 100

98 8.9 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.046 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

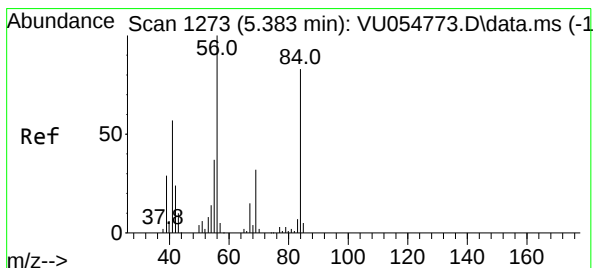
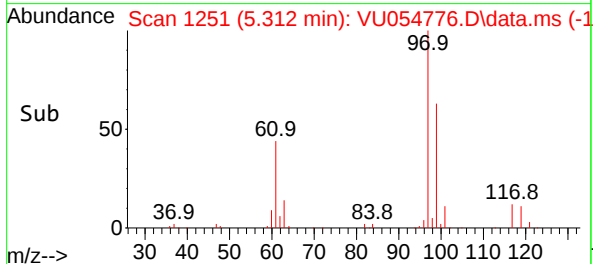
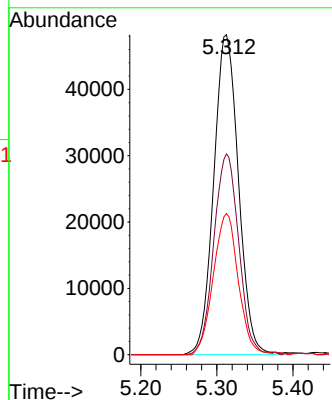
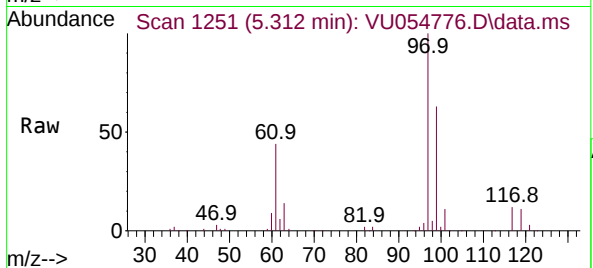
Tgt Ion: 97 Resp: 109102

Ion Ratio Lower Upper

97 100

99 63.2 51.7 77.5

61 44.4 37.0 55.4



#30

Cyclohexane

Concen: 5.198 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

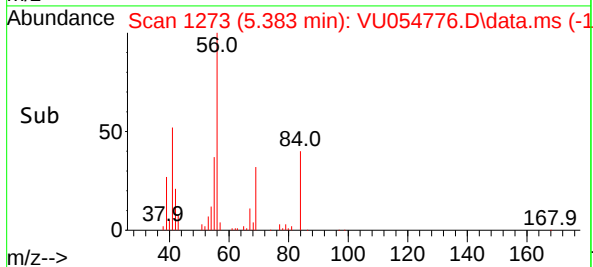
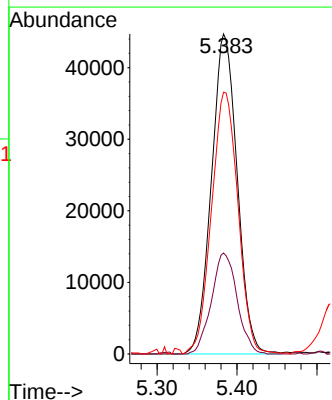
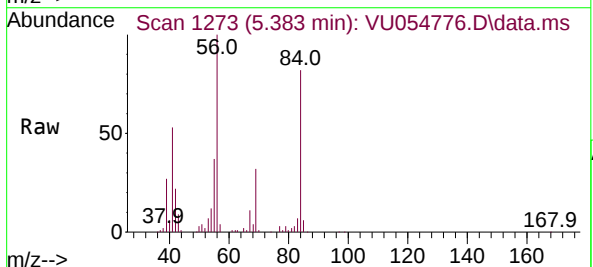
Tgt Ion: 56 Resp: 99988

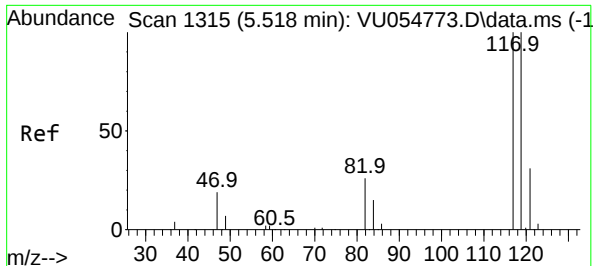
Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 84.1 66.7 100.1

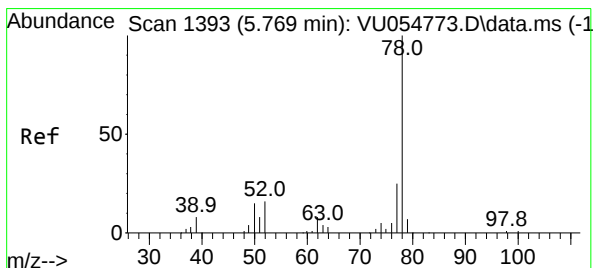
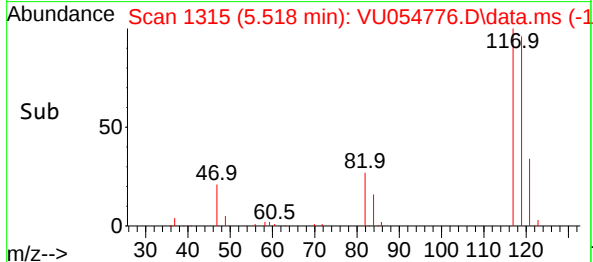
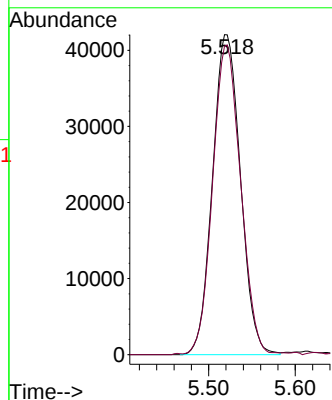
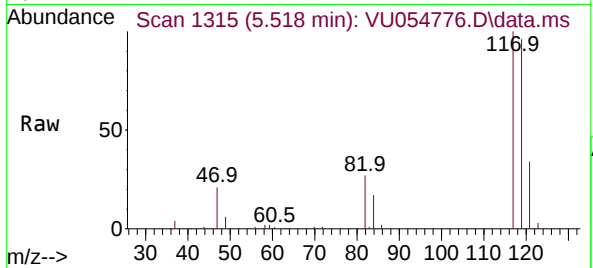




#31
Carbon tetrachloride
Concen: 4.852 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

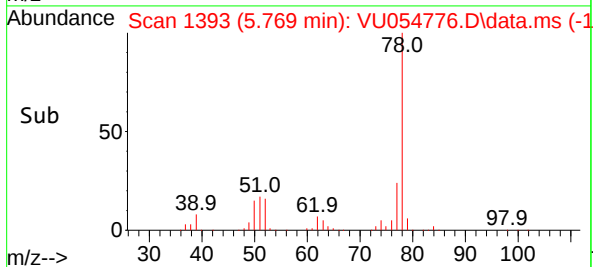
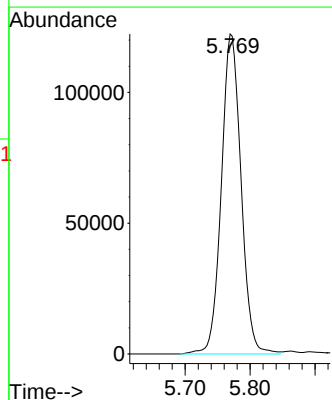
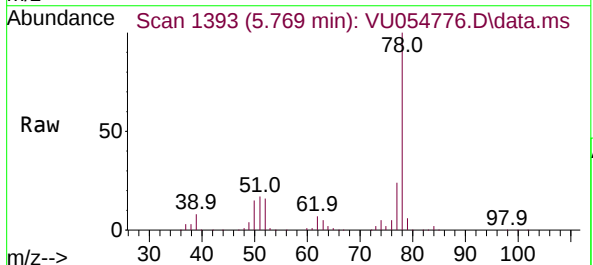
Instrument :
MSVOA_U
ClientSampleId :
VICV042

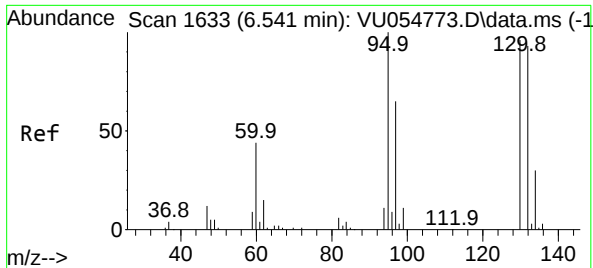
Tgt Ion:117 Resp: 94168
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 5.090 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 78 Resp: 256756

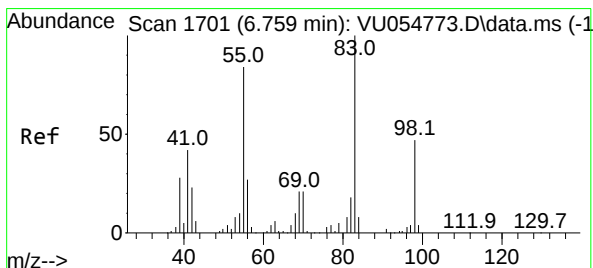
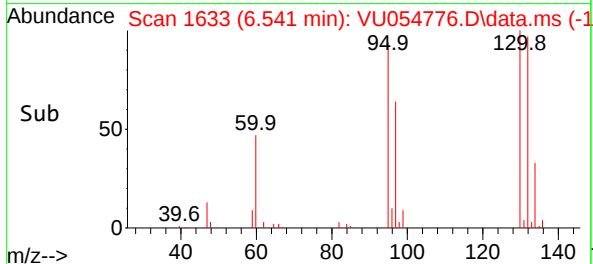
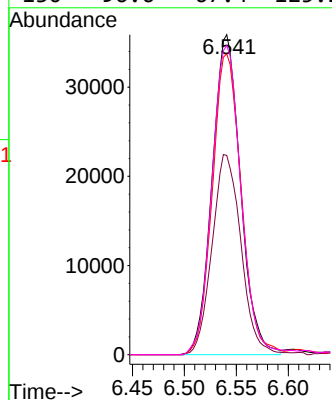
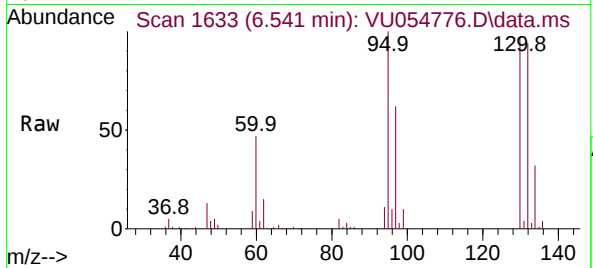




#34
Trichloroethene
Concen: 4.819 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

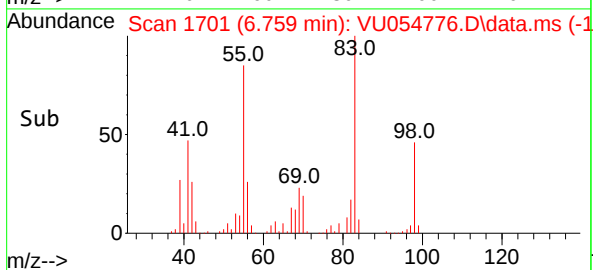
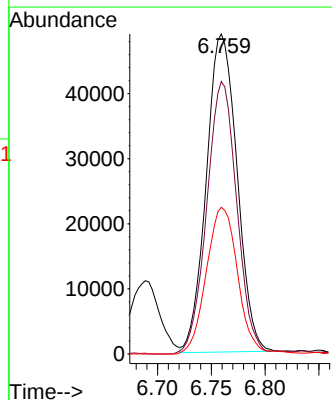
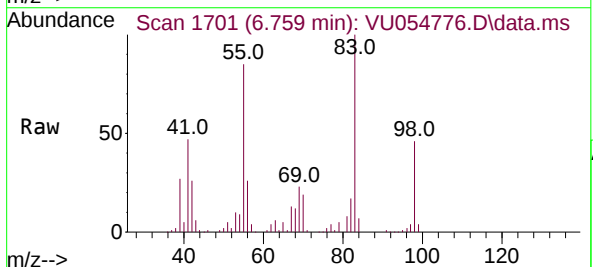
Instrument :
MSVOA_U
ClientSampleId :
VICV042

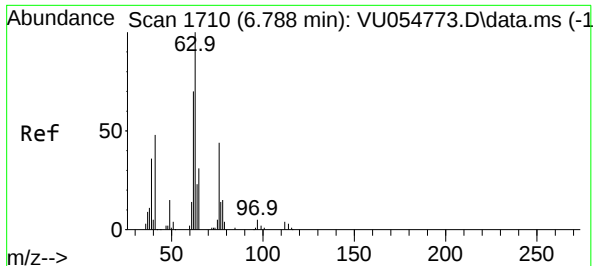
Tgt Ion: 95 Resp: 68051
Ion Ratio Lower Upper
95 100
97 62.2 45.5 84.5
132 94.0 65.4 121.4
130 96.6 67.4 125.2



#35
Methylcyclohexane
Concen: 4.921 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 83 Resp: 97176
Ion Ratio Lower Upper
83 100
55 83.7 65.8 98.6
98 47.2 36.6 54.8

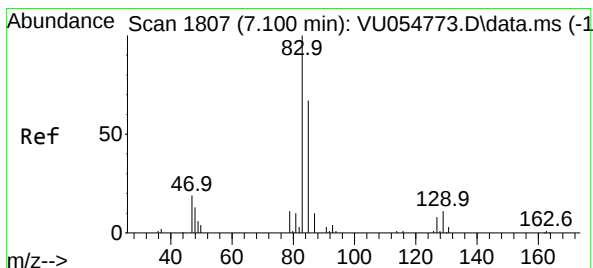
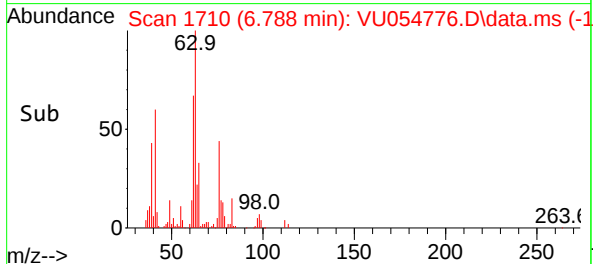
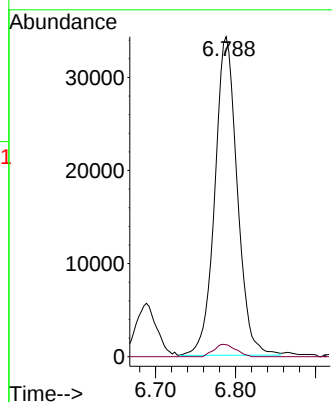
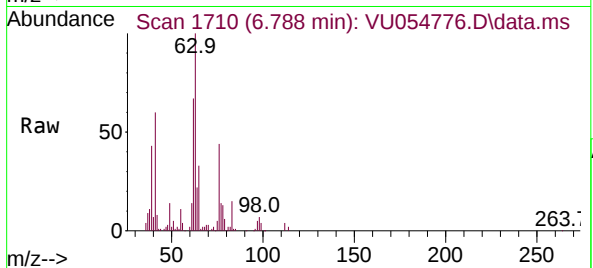




#37
1,2-Dichloropropane
Concen: 5.027 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

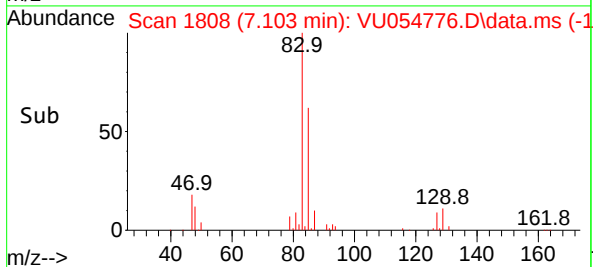
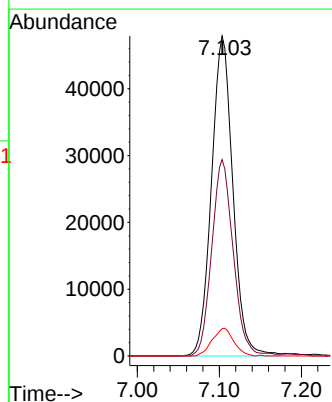
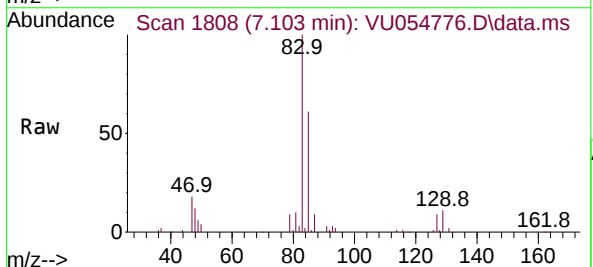
Instrument :
MSVOA_U
ClientSampleId :
VICV042

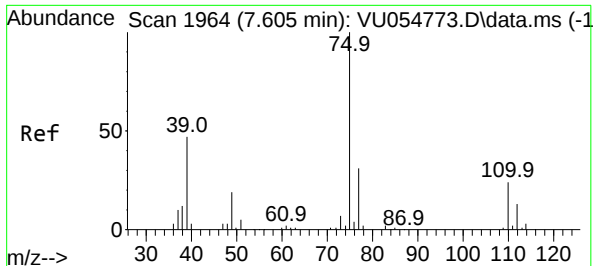
Tgt Ion: 63 Resp: 66553
Ion Ratio Lower Upper
63 100
112 3.8 2.6 4.0



#38
Bromodichloromethane
Concen: 5.110 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 83 Resp: 86913
Ion Ratio Lower Upper
83 100
85 61.4 46.7 86.7
127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.213 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

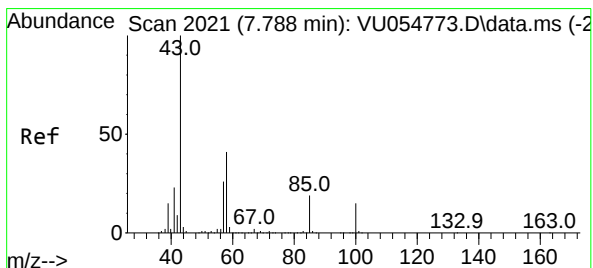
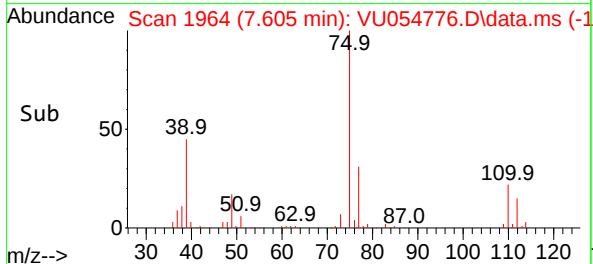
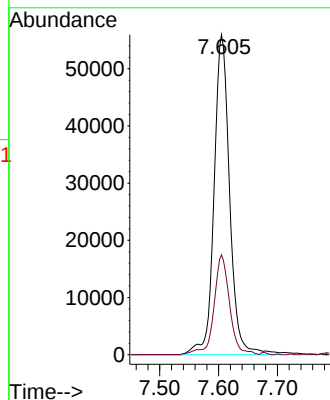
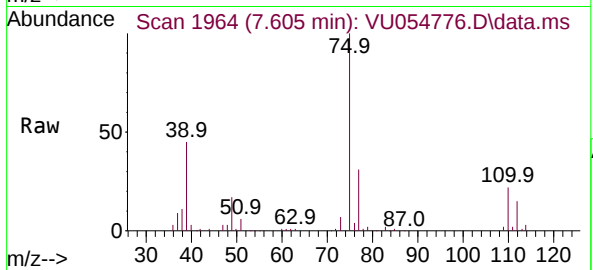
VICV042

Tgt Ion: 75 Resp: 103238

Ion Ratio Lower Upper

75 100

77 31.2 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 51.704 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

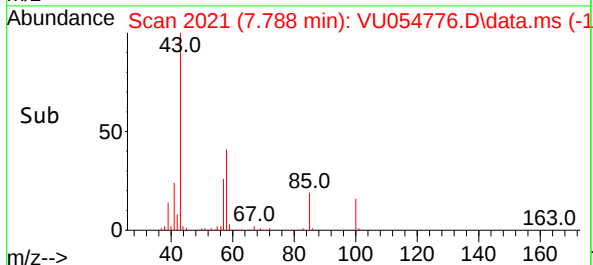
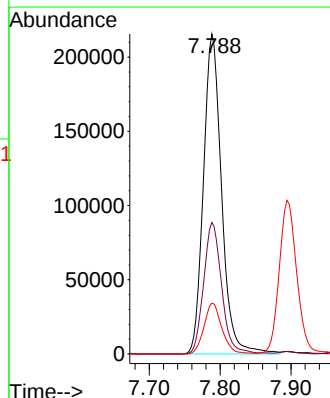
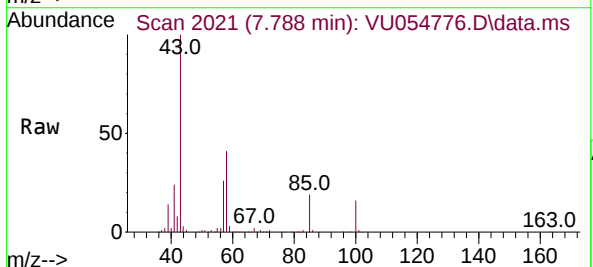
Tgt Ion: 43 Resp: 383651

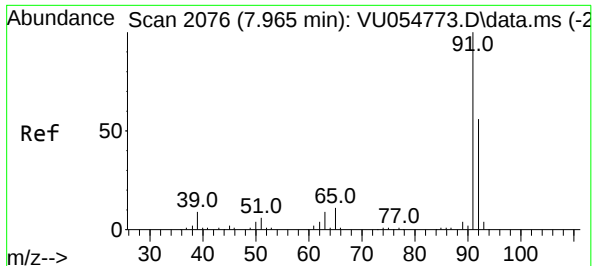
Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8

100 15.7 12.5 18.7





#42

Toluene

Concen: 5.199 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

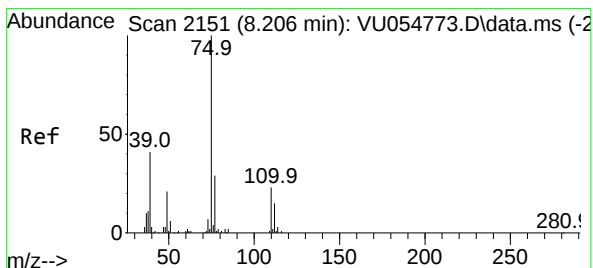
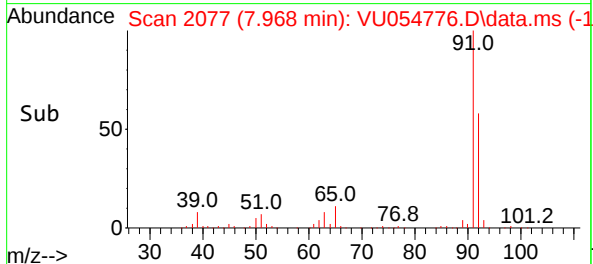
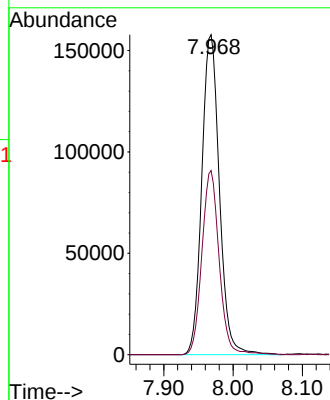
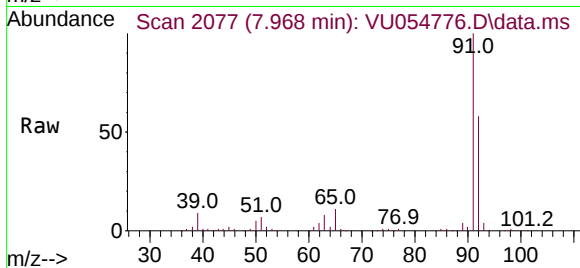
VICV042

Tgt Ion: 91 Resp: 277999

Ion Ratio Lower Upper

91 100

92 57.6 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 4.998 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054776.D

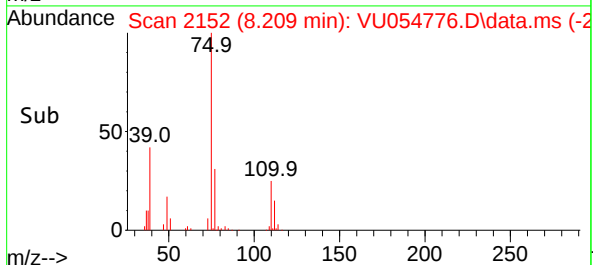
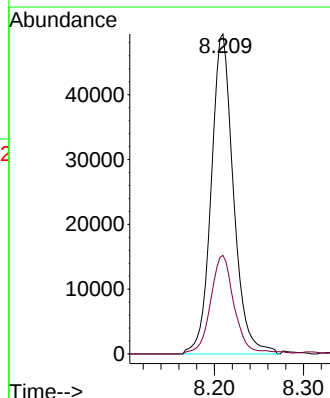
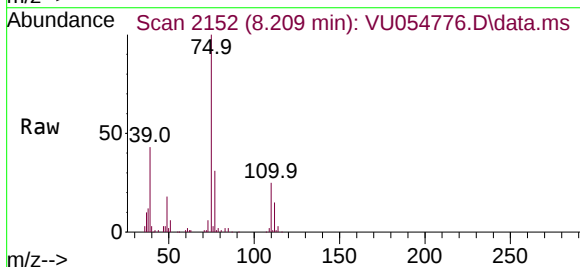
Acq: 07 Jul 2023 11:24

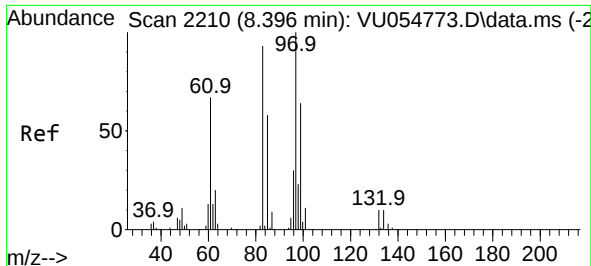
Tgt Ion: 75 Resp: 85569

Ion Ratio Lower Upper

75 100

77 30.8 20.2 37.6

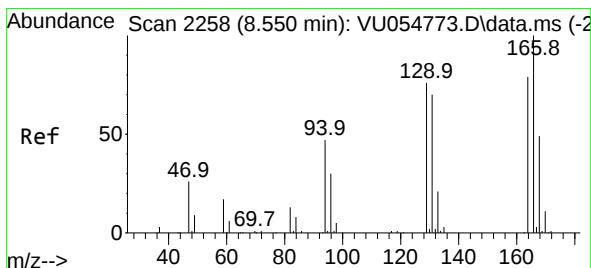
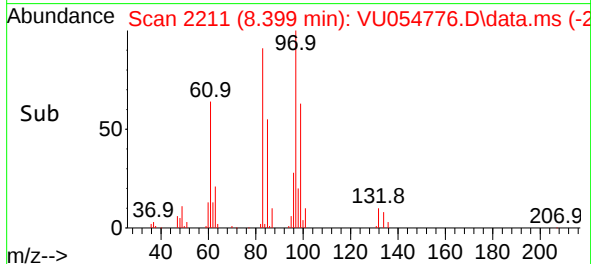
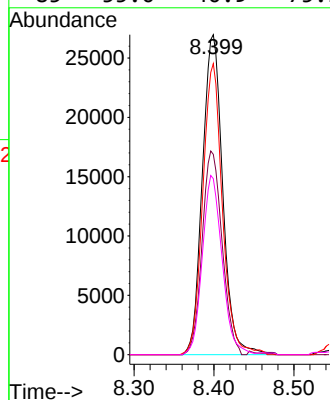
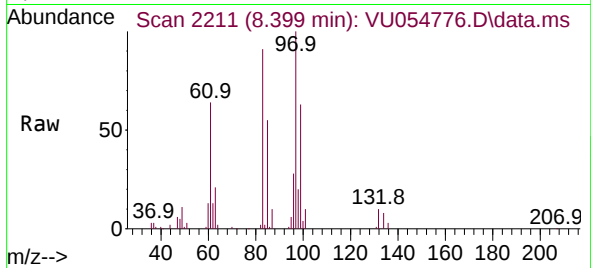




#45
1,1,2-Trichloroethane
Concen: 5.048 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

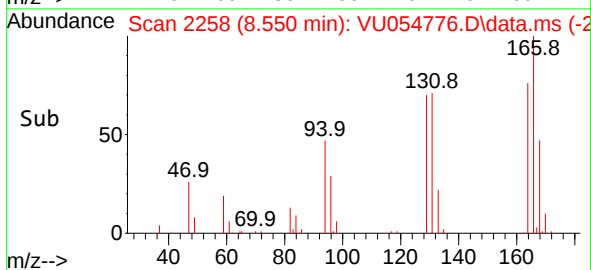
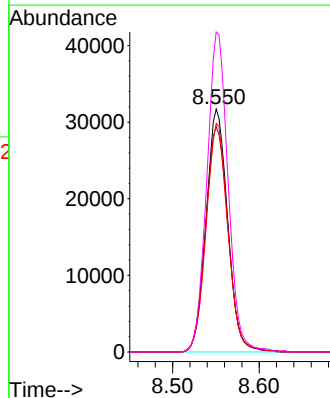
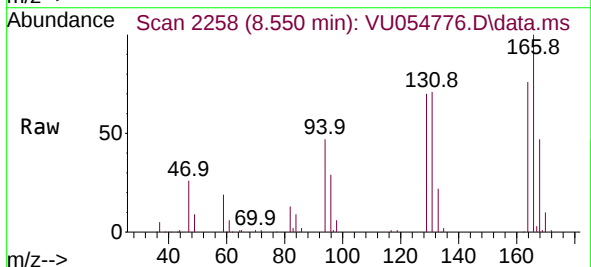
Instrument :
MSVOA_U
ClientSampleId :
VICV042

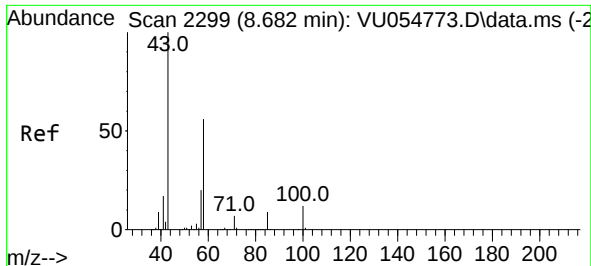
Tgt Ion:	97	Resp:	47862
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.7	83.1
83	91.0	65.2	121.0
85	55.0	40.9	75.9



#47
Tetrachloroethene
Concen: 4.797 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion:	164	Resp:	54863
Ion	Ratio	Lower	Upper
164	100		
129	92.7	66.6	123.8
131	94.1	61.5	114.3
166	131.7	88.3	163.9

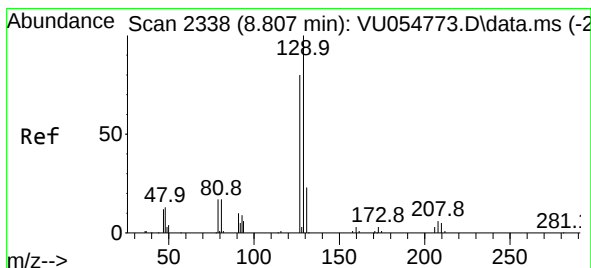
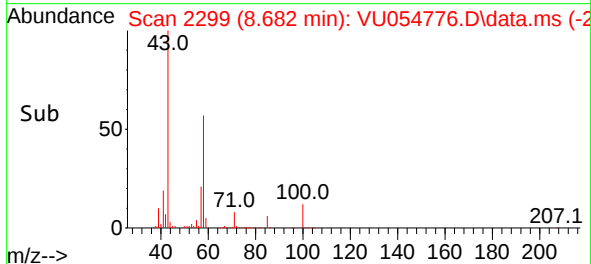
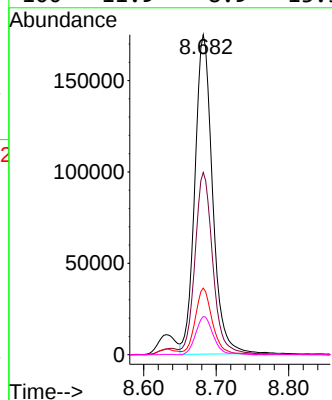
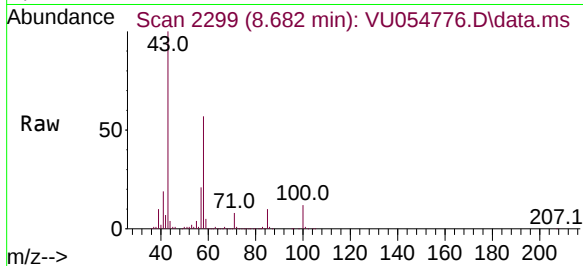




#48
2-Hexanone
Concen: 55.536 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

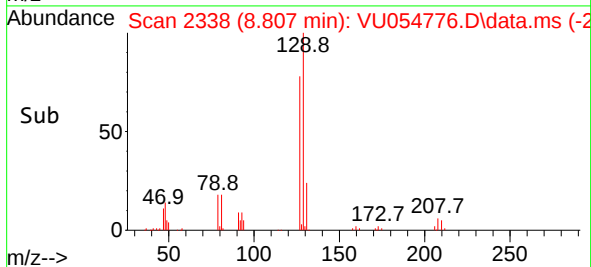
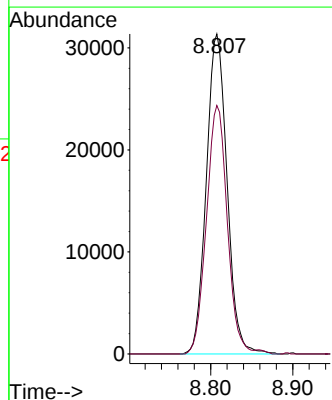
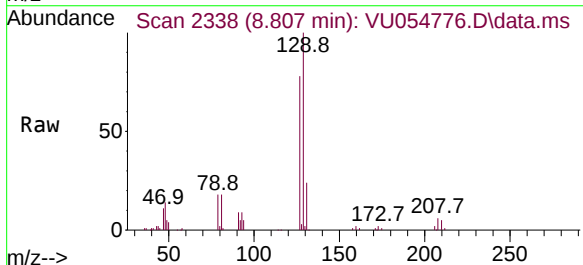
Instrument :
MSVOA_U
ClientSampleId :
VICV042

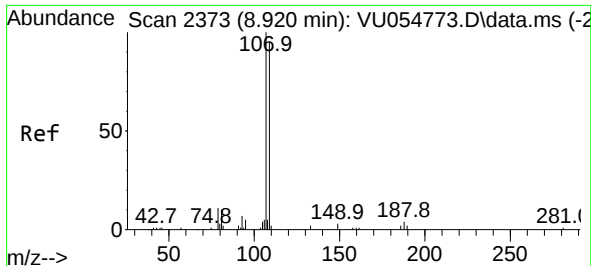
Tgt Ion:	43	Resp:	296738
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.2	67.8
57	20.3	15.7	23.5
100	11.9	8.9	13.3



#49
Dibromochloromethane
Concen: 4.985 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion:	129	Resp:	55011
Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.6	103.4





#50

1,2-Dibromoethane

Concen: 5.033 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

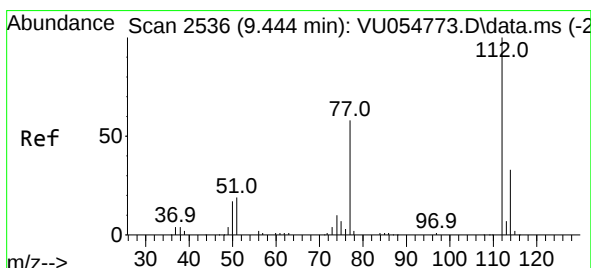
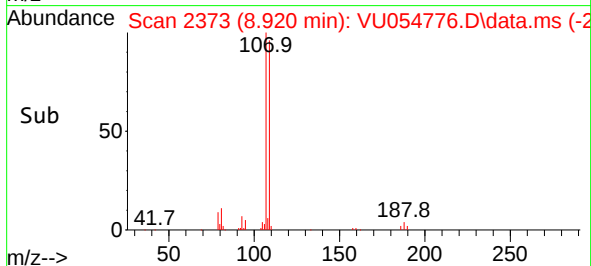
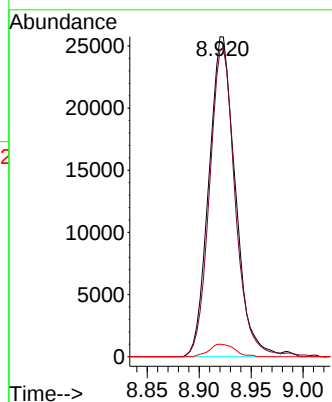
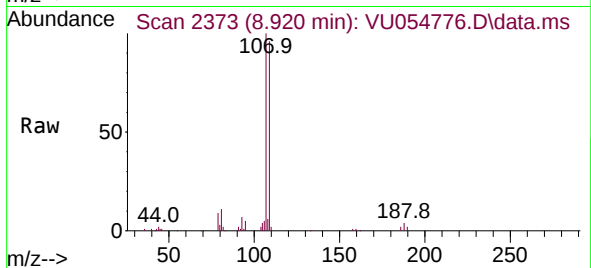
Tgt Ion:107 Resp: 45533

Ion Ratio Lower Upper

107 100

109 96.0 66.5 123.5

188 3.9 3.3 4.9



#51

Chlorobenzene

Concen: 5.062 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

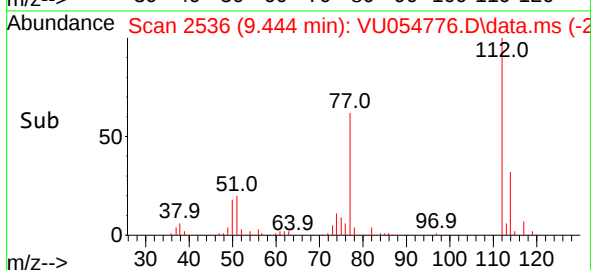
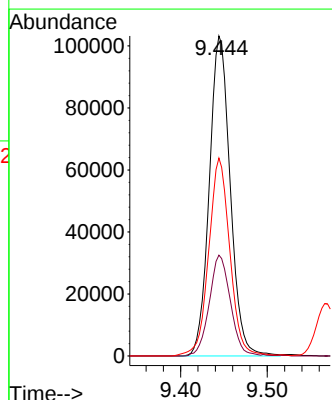
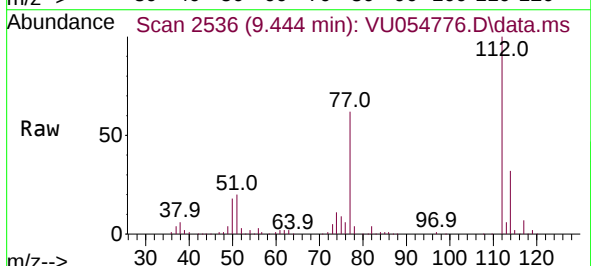
Tgt Ion:112 Resp: 173366

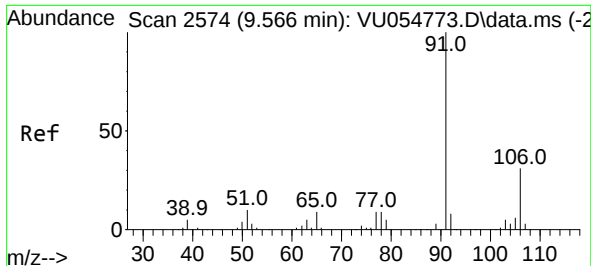
Ion Ratio Lower Upper

112 100

114 31.5 22.9 42.5

77 61.9 47.3 70.9





#52

Ethylbenzene

Concen: 5.095 ug/L

RT: 9.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

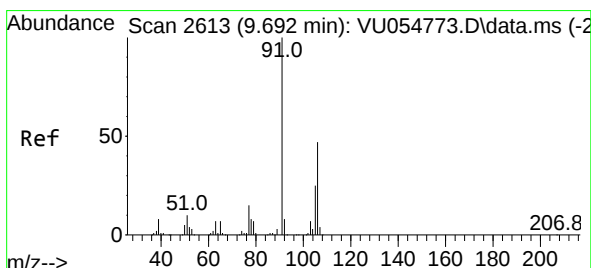
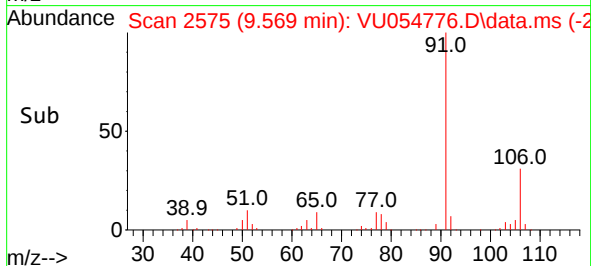
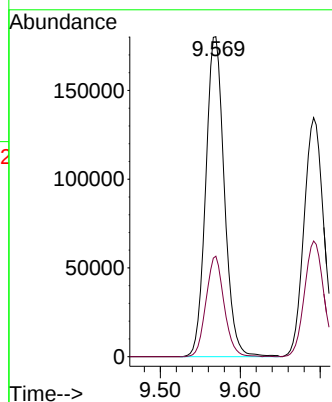
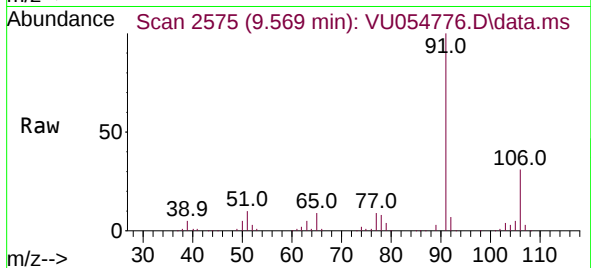
VICV042

Tgt Ion: 91 Resp: 291640

Ion Ratio Lower Upper

91 100

106 31.4 21.6 40.0



#53

m,p-Xylene

Concen: 5.069 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU054776.D

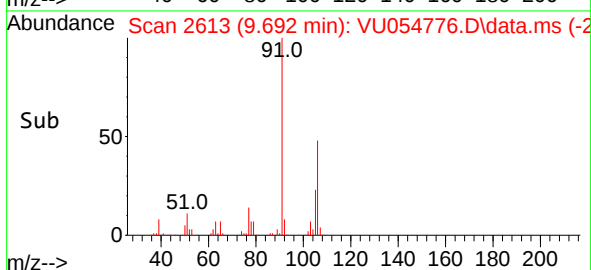
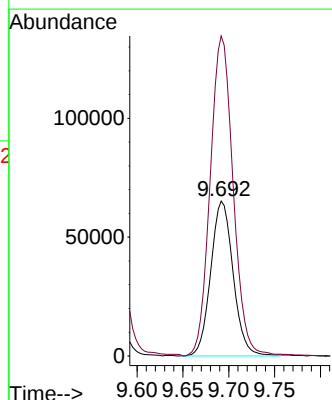
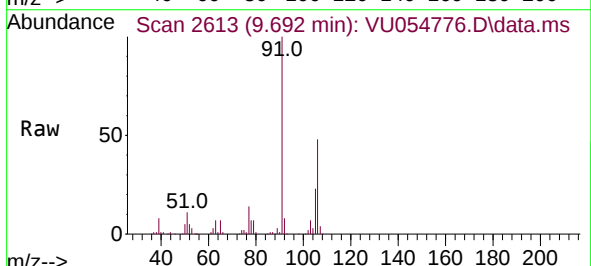
Acq: 07 Jul 2023 11:24

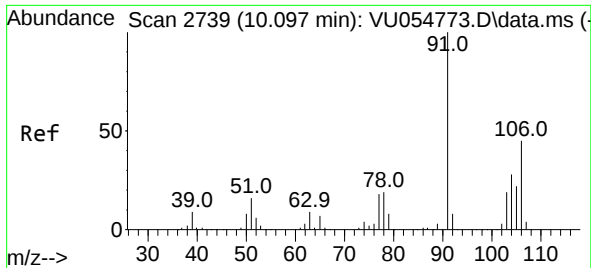
Tgt Ion:106 Resp: 110832

Ion Ratio Lower Upper

106 100

91 206.7 148.8 276.4

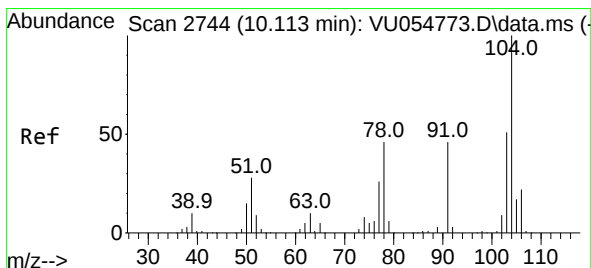
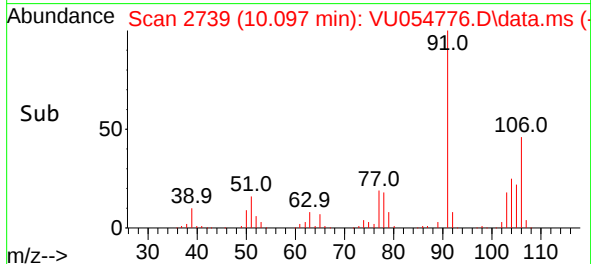
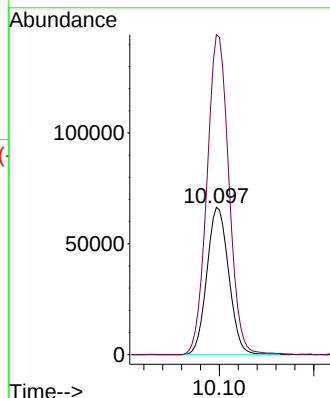
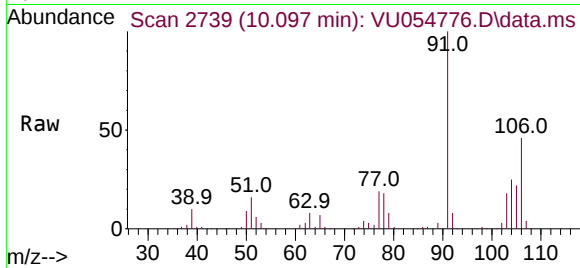




#54
o-Xylene
Concen: 5.228 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

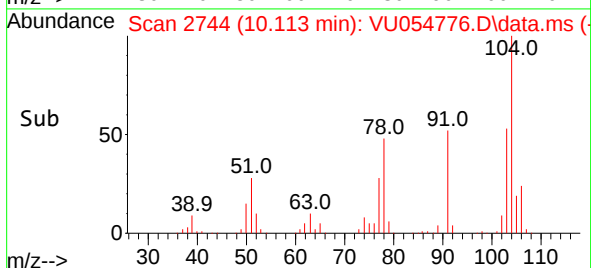
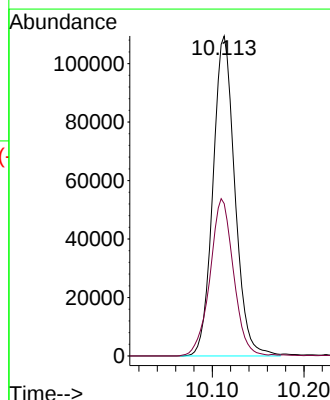
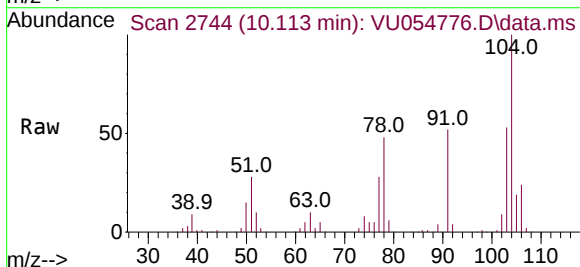
Instrument :
MSVOA_U
ClientSampleId :
VICV042

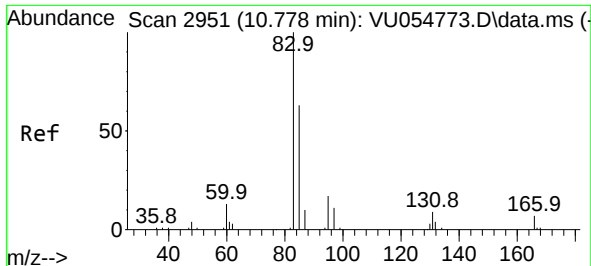
Tgt Ion:106 Resp: 106768
Ion Ratio Lower Upper
106 100
91 217.2 156.8 291.2



#55
Styrene
Concen: 5.265 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion:104 Resp: 181811
Ion Ratio Lower Upper
104 100
78 47.6 32.5 60.3

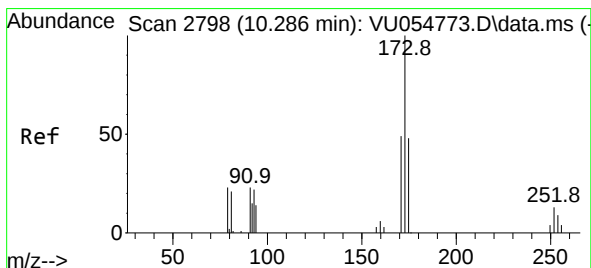
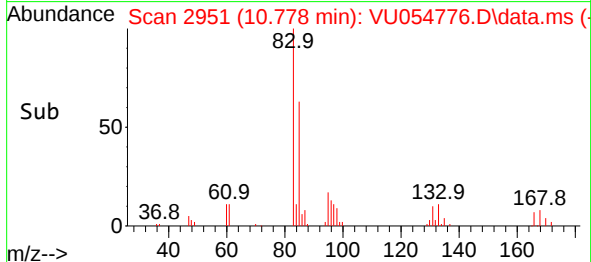
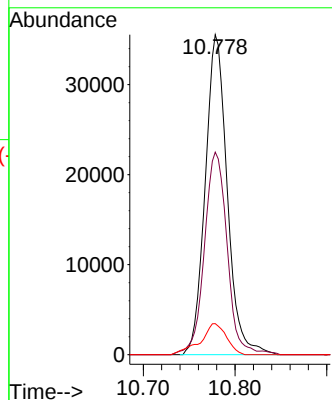
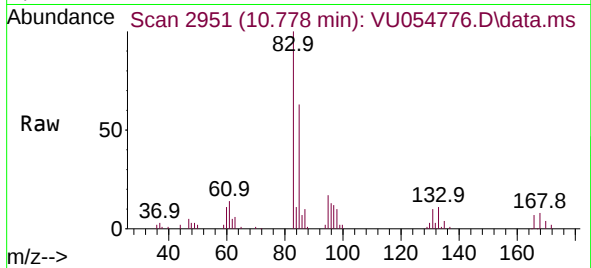




#57
1,1,2,2-Tetrachloroethane
Concen: 5.128 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

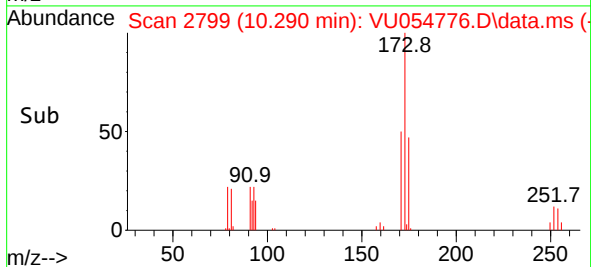
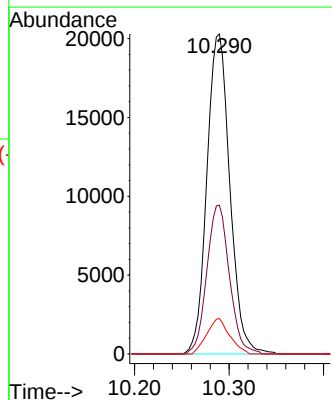
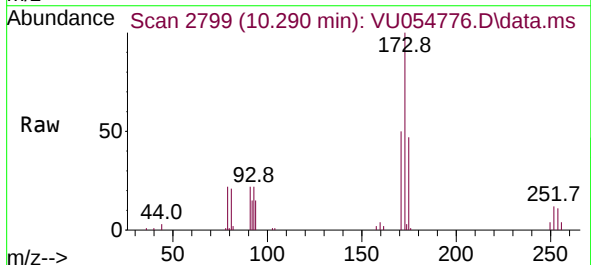
Instrument :
MSVOA_U
ClientSampleId :
VICV042

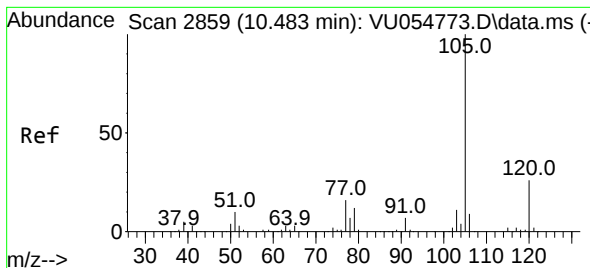
Tgt Ion: 83 Resp: 59276
Ion Ratio Lower Upper
83 100
85 63.3 45.5 84.5
131 9.7 8.6 13.0



#59
Bromoform
Concen: 4.959 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion:173 Resp: 34239
Ion Ratio Lower Upper
173 100
175 45.7 38.1 57.1
254 11.0 7.8 11.6





#60

Isopropylbenzene

Concen: 5.365 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

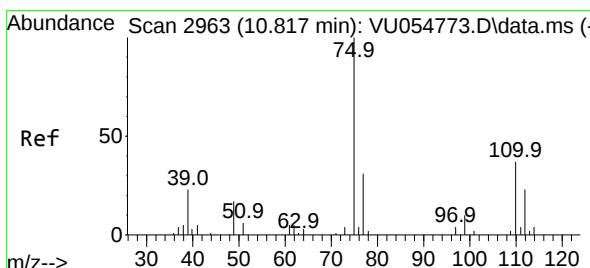
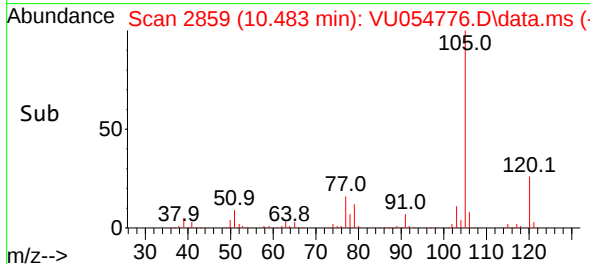
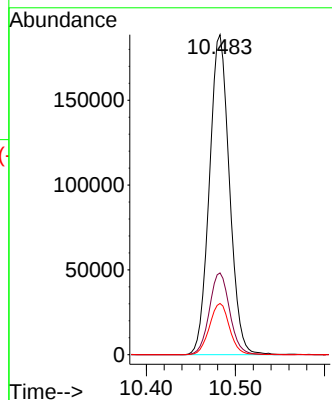
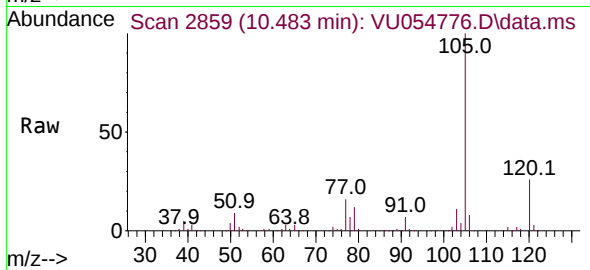
Tgt Ion:105 Resp: 293809

Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 16.1 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.878 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

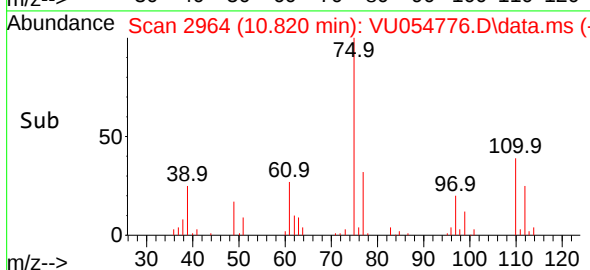
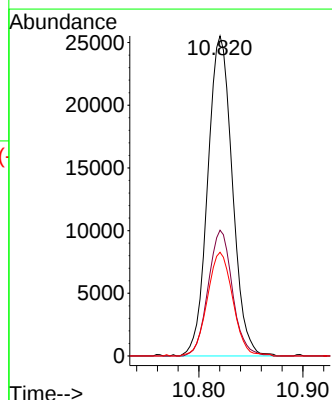
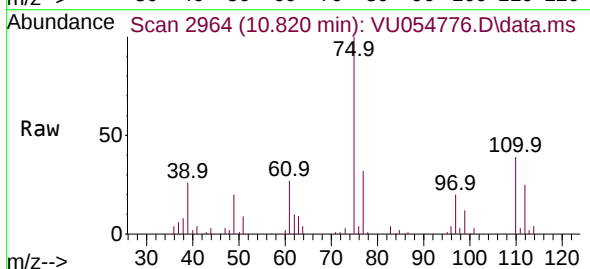
Tgt Ion: 75 Resp: 41957

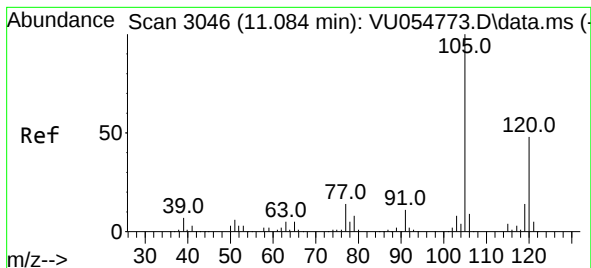
Ion Ratio Lower Upper

75 100

110 38.8 29.8 44.6

77 33.6 26.6 39.8





#62

1,3,5-Trimethylbenzene

Concen: 5.221 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

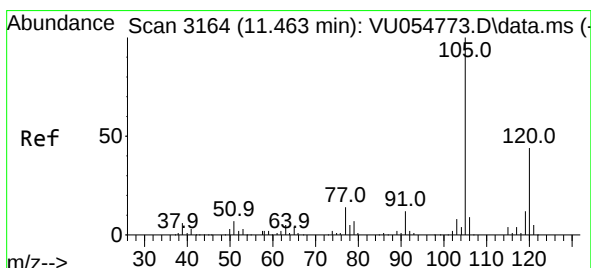
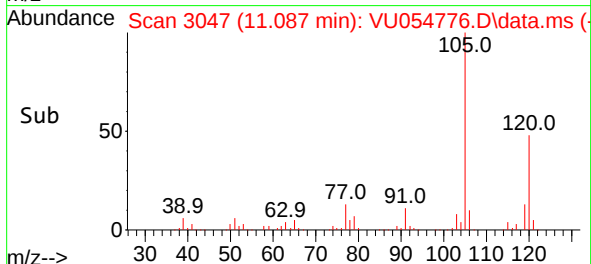
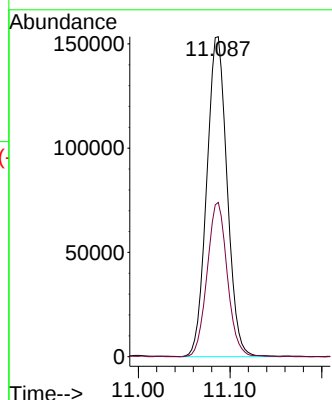
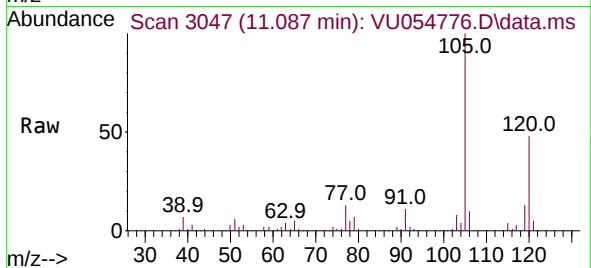
VICV042

Tgt Ion:105 Resp: 237219

Ion Ratio Lower Upper

105 100

120 47.8 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 5.312 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU054776.D

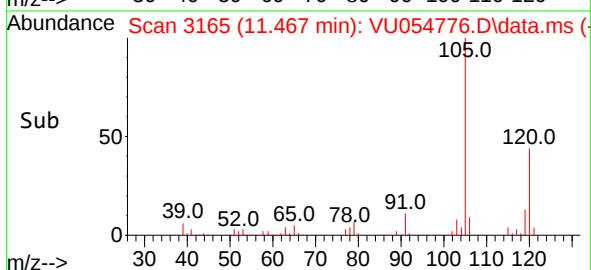
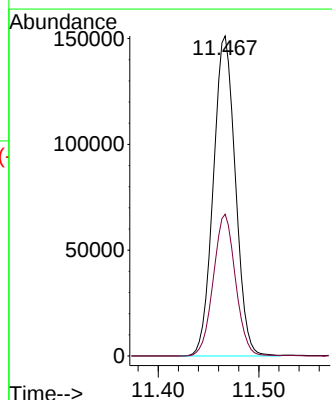
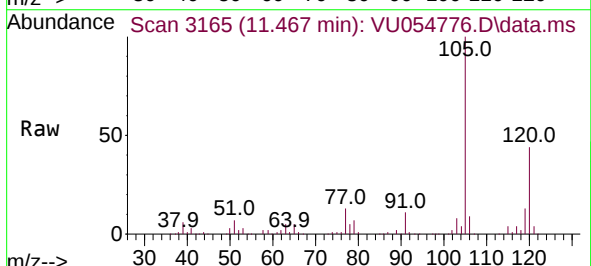
Acq: 07 Jul 2023 11:24

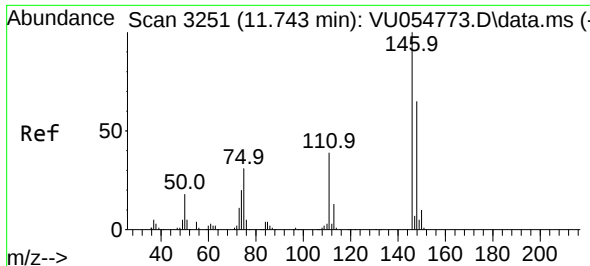
Tgt Ion:105 Resp: 230618

Ion Ratio Lower Upper

105 100

120 44.5 35.2 52.8

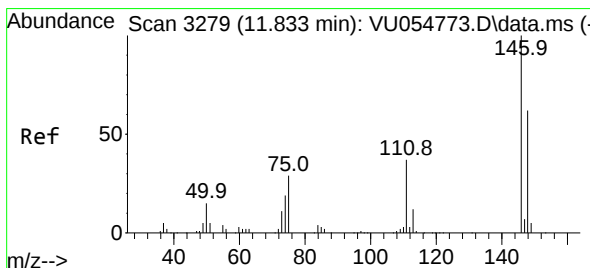
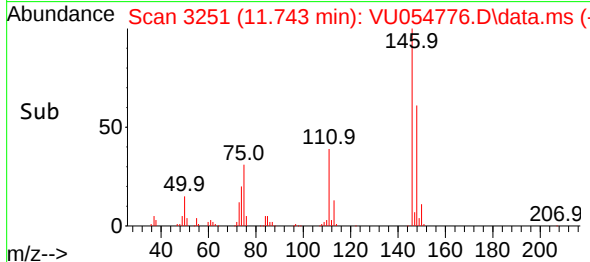
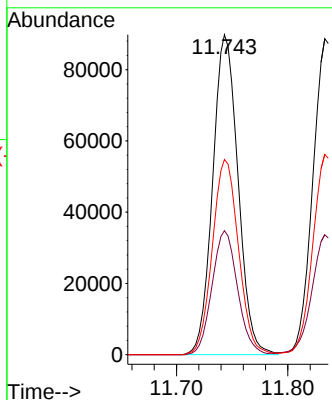
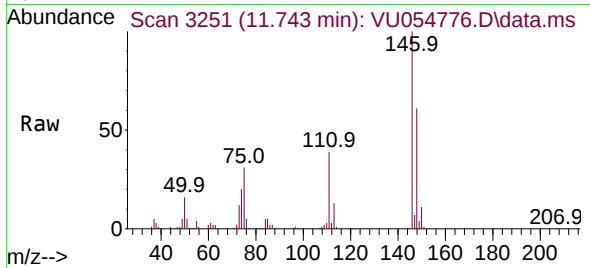




#64
1,3-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

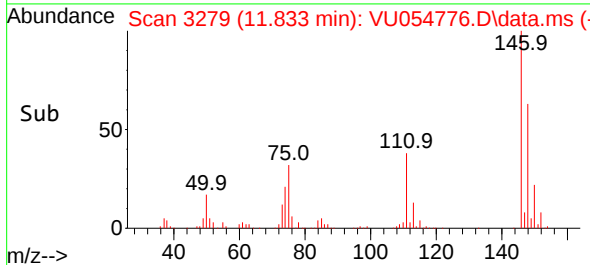
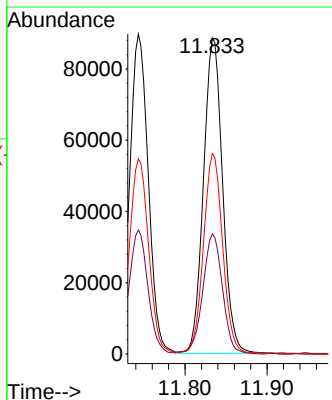
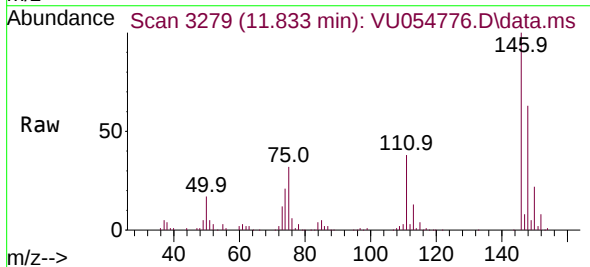
Instrument :
MSVOA_U
ClientSampleId :
VICV042

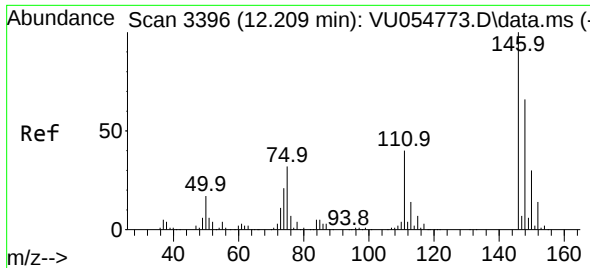
Tgt Ion:146 Resp: 141918
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 61.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion:146 Resp: 143368
Ion Ratio Lower Upper
146 100
111 38.0 25.7 47.7
148 63.4 43.7 81.1

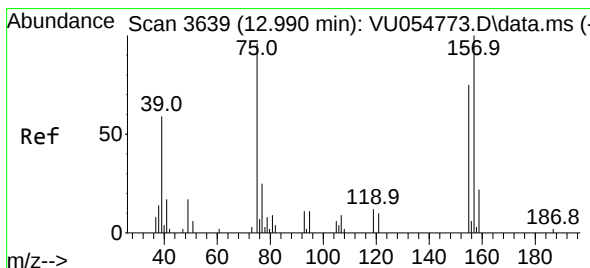
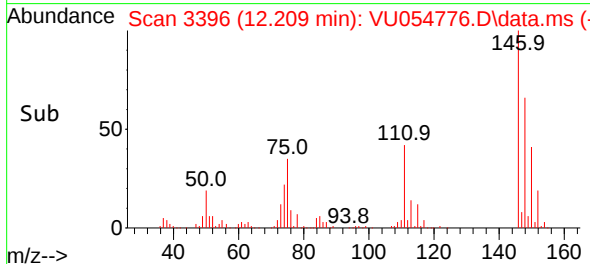
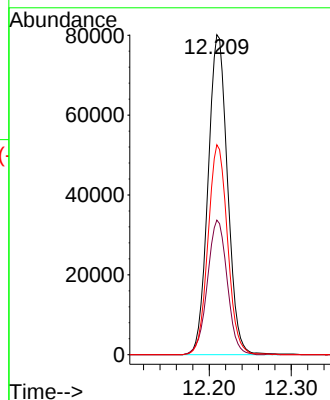
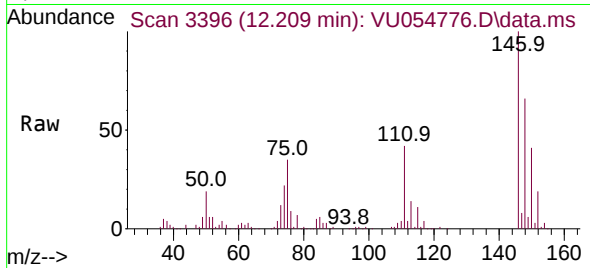




#67
1,2-Dichlorobenzene
Concen: 5.203 ug/L
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

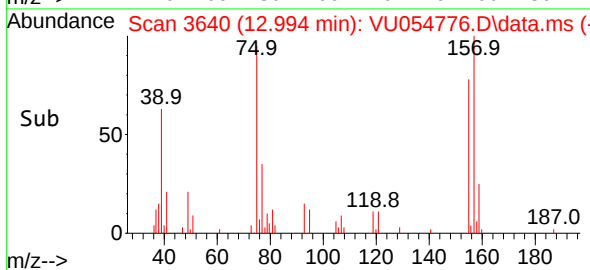
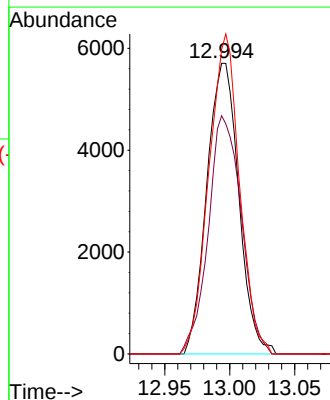
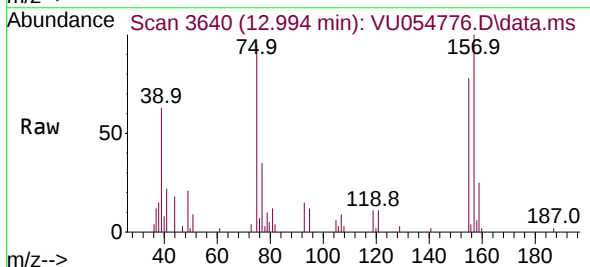
Instrument :
MSVOA_U
ClientSampleId :
VICV042

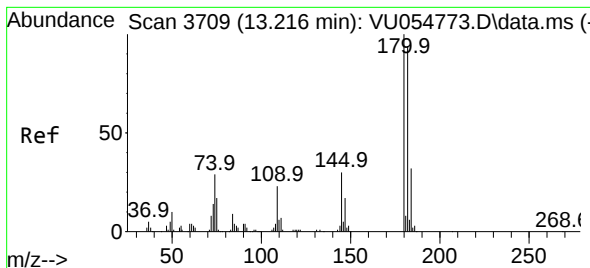
Tgt Ion:146 Resp: 131894
Ion Ratio Lower Upper
146 100
111 42.0 32.4 48.6
148 65.6 53.2 79.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.659 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU054776.D
Acq: 07 Jul 2023 11:24

Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
155 82.0 62.9 94.3
157 104.7 83.4 125.0





#69

1,3,5-Trichlorobenzene

Concen: 5.240 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

Tgt Ion:180 Resp: 108015

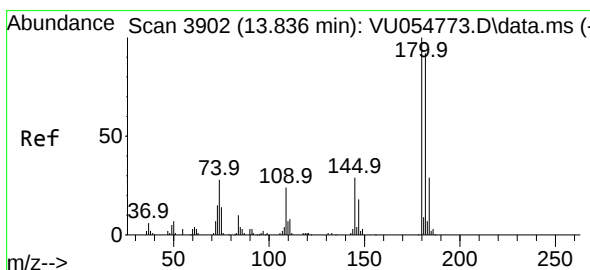
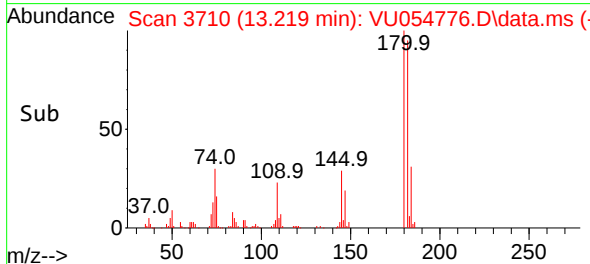
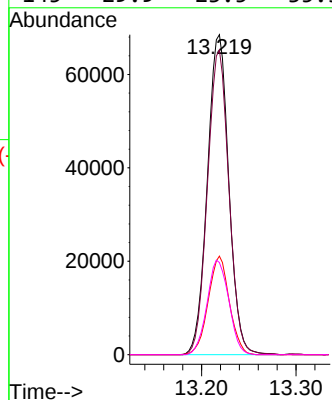
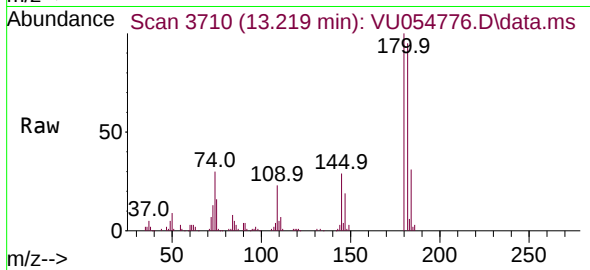
Ion Ratio Lower Upper

180 100

182 95.2 74.6 111.8

184 30.4 24.9 37.3

145 29.9 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 5.772 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

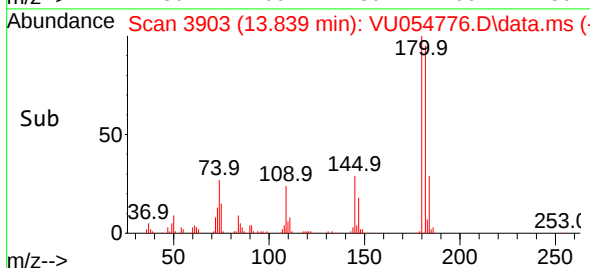
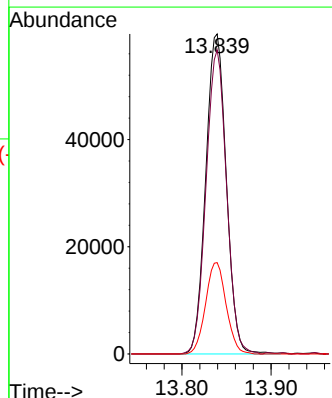
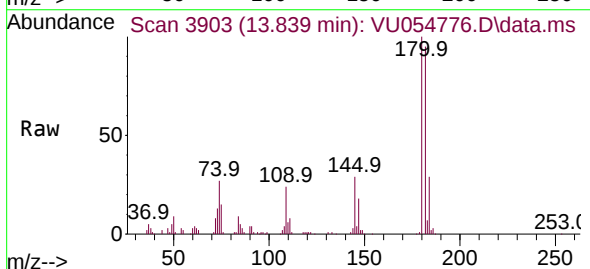
Tgt Ion:180 Resp: 95601

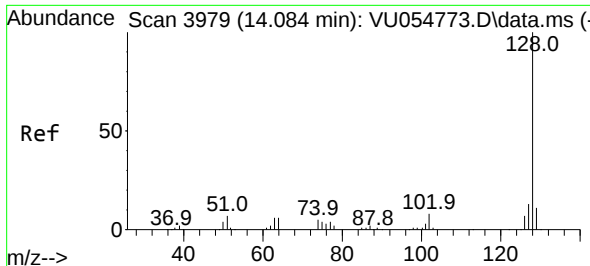
Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 28.5 23.4 35.2





#71
Naphthalene

Concen: 6.492 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

VICV042

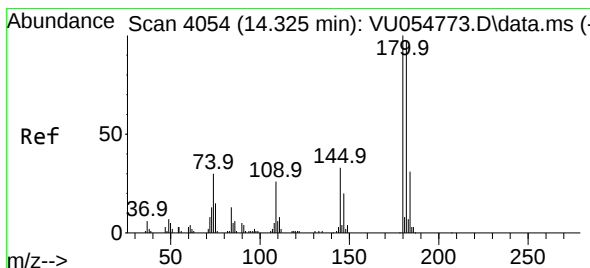
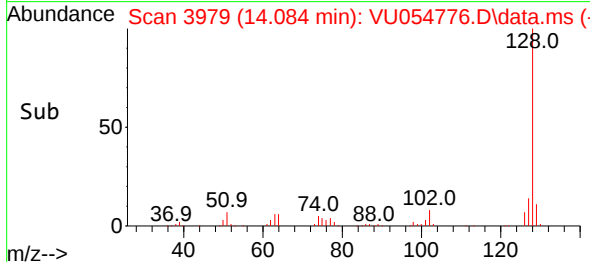
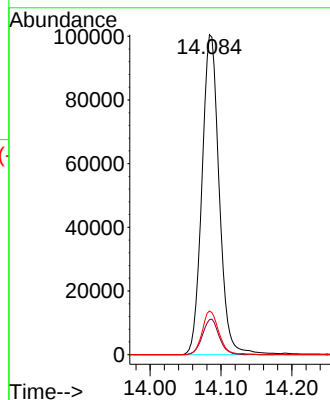
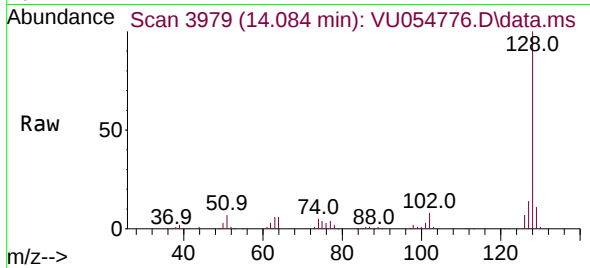
Tgt Ion:128 Resp: 169809

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.859 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU054776.D

Acq: 07 Jul 2023 11:24

Tgt Ion:180 Resp: 86764

Ion Ratio Lower Upper

180 100

182 97.3 76.9 115.3

145 30.9 25.4 38.0

